



Postgraduate Diploma Clinical Manifestations and Oncology Nursing Research

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/pk/nursing/postgraduate-diploma/postgraduate-diploma-clinical-manifestations-oncology-nursing-research

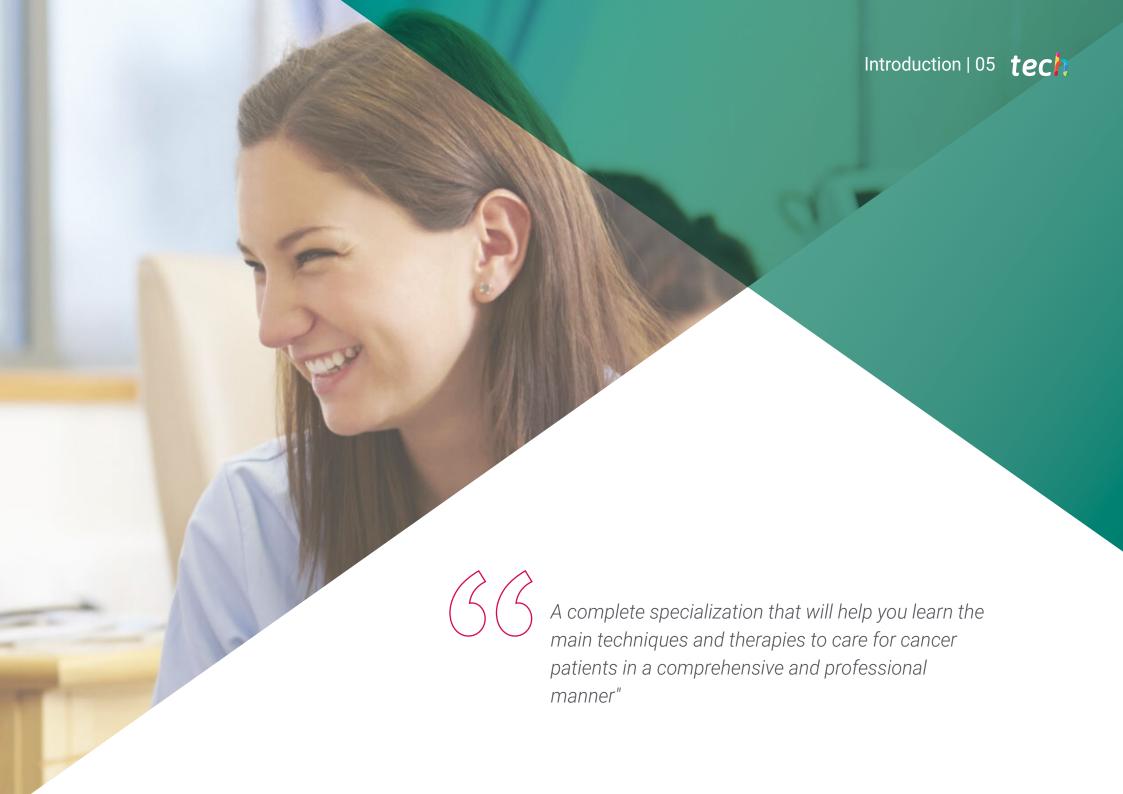
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Certificate





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The Postgraduate Diploma in Clinical Manifestations and Research in Oncology Nursing has been designed to meet the nurses' need for knowledge of genetics, cell biology or tumor markers, including advanced histological and biological concepts that will allow the student to understand the mechanisms that cause cancer and the factors involved in its appearance.

The student will also become familiar with the risk factors involved in cancer occurrence and epidemiology. Cancer prevention, as well as the strategies to be implemented at each of its levels will be a fundamental topic in this Postgraduate Diploma.

It should be taken into account that oncology patients can present a wide variety of symptoms due to the evolution and pathophysiology of their disease. Their coexistence with adverse effects attributable to antineoplastic treatments is frequent, so it is essential to perform an exhaustive, methodical and correct evaluation of the manifestations presented by the oncologic patient. To ensure a good control of the patient, it is essential that the student learns to determine the causes and factors related to the appearance of their symptomatology.

Finally, another of the fundamental aspects on which this training program focuses is research, a basic pillar in the development of any discipline. The specialization of oncology in different areas and the evolution in the diagnosis and treatment of tumors are the result of the knowledge acquired through this research.

The combination of multimedia resources, real clinical cases and updated contents will complete the specialization of the student, who will also acquire skills in communication, psychosocial approach and research, essential to provide quality care based on scientific evidence.

The updating of the contents of this Postgraduate Diploma and its integrative approach will give rise to a complete vision of all aspects related to oncology nursing. The contents will provide a journey through the diverse needs of cancer patients, whose particularities require personalized attention.

Both the design of the program and the didactic material used will facilitate the understanding of concepts, and the realization of practical cases will help to adapt what has been learned to clinical practice. In this way, the completion of the Postgraduate Diploma will provide immersive learning to achieve the professional's training in real situations of their usual professional practice.

This **Postgraduate Diploma in Clinical Manifestations and Research in Oncology Nursing** has the most complete and updated educational program on the market. The most important features of the specialization are:

- The development of case studies presented by experts in Oncology Nursing.
- The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- News on clinical manifestations and research in oncology nursing.
- Practical exercises where the self-assessment process can be carried out to improve learning.
- Special emphasis on innovative methodologies in Oncology Nursing.
- Theoretical lessons, questions to the expert, discussion forums on controversial topics and individual reflection papers.
- The availability of access to the contents from any fixed or portable device with Internet connection.



Don't miss the opportunity to study at the largest private online university in the Spanish-speaking world".

Introduction | 07 tech



This Postgraduate Diploma is the best investment you can make in selecting a refresher program to update your knowledge in clinical manifestations and research in oncology nursing"

The teaching staff includes professionals from the field of Oncology Nursing, who bring their experience to this specialization program, as well as renowned specialists from leading societies and prestigious universities.

Its Multimedia Content, elaborated with the latest Educational Technology, will allow the Professional a situated and contextual learning, that is to say, a Simulated Environment that will provide an immersive specialization programmed to train in real situations.

This program is designed around Problem Based Learning, whereby the specialist must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in Oncology Nursing with extensive experience.

This specialisation comes with the best didactic material, providing you with a contextual approach that will facilitate your learning.

This 100% online Postgraduate Diploma will allow you to combine your studies with your professional work while increasing your knowledge in this field.







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General Objectives

- Expand the professional's knowledge, facilitating the acquisition of advanced competencies that will enable them to provide specialized care to complex oncology patients.
- Incorporate theoretical and pathophysiological fundamentals in nursing practice, assuming the particularities of pediatric, adult and elderly patients.
- Define the specific competencies of the nurse in the oncology setting to increase effectiveness and efficiency in the organization and acquire skills in coordination and management of the nursing team.
- Design patient and family care plans integrating knowledge, attitudes and skills acquired during training.
- Apply the theoretical knowledge acquired in relation to the oncologic patient and the management and administration of treatment, guaranteeing patient safety at all times.
- Deepen in the development of interpersonal relationships between the professional and the patient-family, as well as with the rest of the members of the multidisciplinary team.
- Integrate emotional management strategies in the different stages of the disease process, incorporating the psychosocial and spiritual approach in the care and assuming death as a natural process in the terminal patient.
- Acquire the necessary training to act with autonomy and provide the best care based on scientific evidence.
- Implement research into routine nursing practice as a basis for professional development and effective and efficient management of complex cases.



Specific Objectives

Module 1: Introduction to Oncology. Oncology Nursing

- · Describe the professional competencies of Oncology Nursing.
- Become familiar with the main etiopathogenic theories of cancer, as well as the most important mechanisms of malignant transformation.
- Differentiate and understand the alterations involved in the processes of carcinogenesis.
- Determine the risk factors related to the occurrence of oncologic diseases and their effects on health.
- · Know the epidemiological data of the main malignant tumors.
- Recognize the different levels of cancer prevention, as well as the activities and strategies for each type of prevention.
- To acquire information on the characteristics and development of the main cancer early detection programs.
- Perform a complete assessment of the oncology patient, which allows to detect needs and implement strategies to solve problems.

Module 2: Clinical manifestations and emergencies in the oncologic patient.

- Apply the Nursing Care Process (NCP) in the oncology patient, establishing a comprehensive and individualized care plan.
- Detect the main symptoms that may compromise the health of the oncology patient imminently.
- Determine the most appropriate and up-to-date nursing care to act on the symptoms that have the greatest impact on the quality of life of the oncology patient.

- Perform a comprehensive and systematic assessment of the person's health status.
- Explain the pathophysiological basis of pain in the oncologic patient and know its repercussion on the patient.
- List the methods and tools for pain exploration and their appropriateness according to the patient's characteristics.
- Assess pain as a multidimensional entity and not only for its intensity.
- Recognize the existing myths and prejudices regarding the use of opioid analgesics, both in patients and health professionals.
- Establish the analgesic needs of an oncology patient based on the most recent evidence available.
- Observe the individual's responses to analgesic treatment, assess its
 effectiveness and the occurrence of adverse effects.

Module 3: Oncology Nursing Research

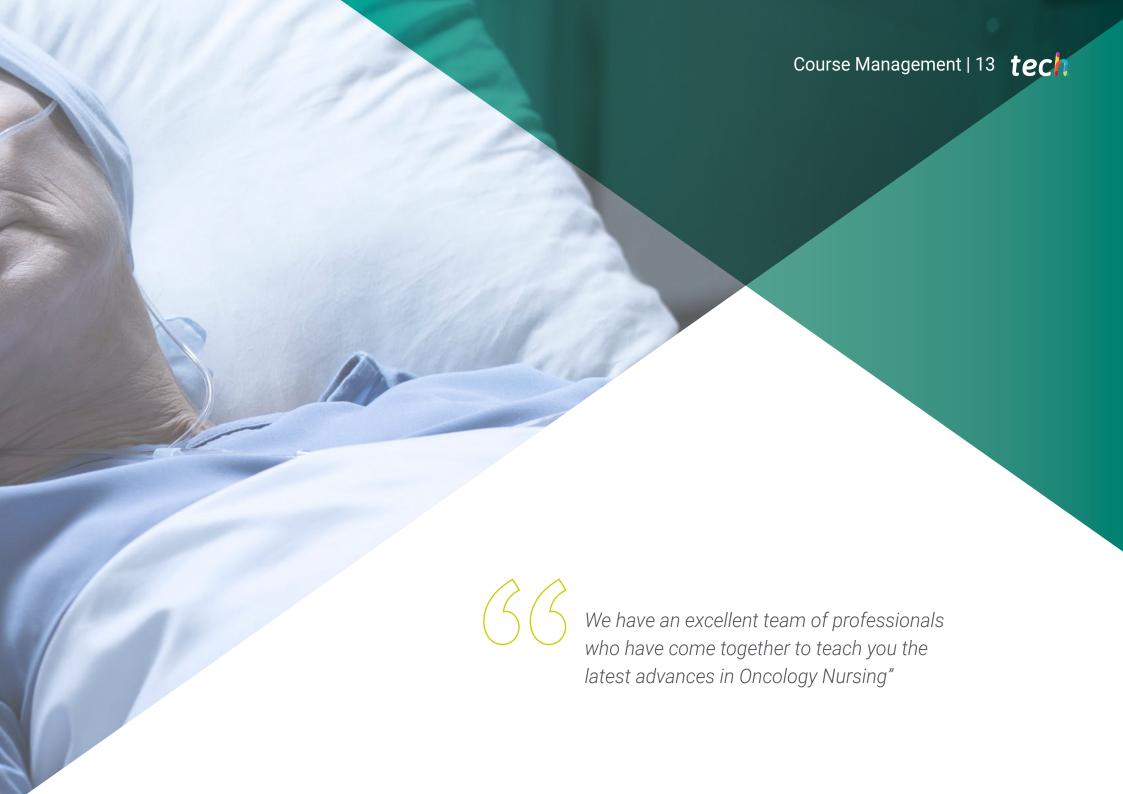
- Expose the fundamentals of research in Health Sciences and its importance in the field of Oncology.
- Distinguish the various areas of research in Oncology and Oncology Nursing, and their contribution to improving the quality of life of patients.
- Deepen in the characteristics of translational research and its importance in Oncology.
- Determine the main lines of nursing research in Oncology, both nationally and internationally.
- Direct, organize and evaluate individual research projects and nursing or multidisciplinary work groups.

- Understand and cope with the challenges and difficulties that new staff may face, based on different institutional support strategies.
- Reflect on one's own practice, making critical judgments, showing a constructive attitude and taking into account the latest knowledge.
- Differentiate the main models of critical reading, according to the type of study to be analyzed.
- Interpret the information contained in the scientific literature to provide the patient with contrasted and quality evidence.
- Use new information and communication technologies to improve
- daily practice and teamwork.



Get up to date on the latest news in Clinical Manifestations and Research in Oncology Nursing





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Management



Ms. Morán López, Marina

- From DUE Currently working at HUIE, in medical oncology, general and digestive surgery and traumatology services, since December 2007.
- Valdemoro Medical Center, from 16/07/07 to 9/12/07. Maguilar Residence, from 1/03/07 to 15/07/07
- University Hospital La Paz, in various contracts from 4/07/06 to 22/01/30/01/07, in various services: children's surgery, neonates, outpatient clinics, children's traumatology.
- Nursing Assistant: At the University Hospital La Paz: from 1/07/05 to 30/09/05 and from 16/01/06 to 27/02 /06
- At Lafora Psychiatric Hospital: from 12/17/05 to 01/15/06 At the Gregorio Marañón University Hospital: from 03/28/06 to 05/08/06
- Triana Residence: from 12/01/03 to 19/10/03 Geriasa Residence: from 5/10/02 to 15/12/02 Medinacelli Residence: from 1/07/02 to 31/07/02

Professors

Dña. Martínez Camacho, Minerva

- INFANTA ELENA HOSPITAL D.U.E. Oncology and Hematology Hospital Nuclear Medicine.
- From December 2007 to August 2019. Valdemoro. INFANTA ELENA HOSPITAL D.U.E., Madrid Emergencies
- From September 2006 to December 2007. UNIVERSAL CLINIC D.U.E, Madrid Internal Medicine from September 2005- to June 2006. Alcorcón. COMMUNITY OF MADRID, Madrid. DEPARTMENT OF EDUCATION D.U.E. School Nurse June 2005-August 2005. 12 DE OCTUBRE HOSPITAL D.U.E., Madrid Endocrine

- April 2005- June 2005. RED CROSS CENTRAL HOSPITAL D.U.E., Madrid in Internal Medicine
- From December 2004 to March 2005
- GREGORIO MARAÑON HOSPITAL D.U.E, Madrid Emergencies
- From September 2003 to January 2005. UNIVERSAL CLINIC D.U.E, Madrid I.C.U
- From July 2003 to August 2003. RAMÓN Y CAJAL HOSPITAL D.U.E., Madrid I.C.U Neurology

Dña. Soriano Ruiz, Teresa

- September 2011 Present: Day Hospital (multipurpose) Infanta Elena University Hospital
- May 2009 September 2011 Nurse General Surgery Department Infanta Elena University Hospital - Madrid - Spain
- August 2009 September 2009 Nurse Amma Humanes Residence -
- May 2009 August 2009 Nurse Residence Nuestra Señora de La Soledad -
- October 2008 May 2009 Nurse Residence and Day Care Center Personalia Parla
- May 2009 July 2007 Nursing Assistant Nursing Home and Day Care Center Personalia - Parla - July 2006 September 2006 Nursing Assistant Day Care Center Nurse S.L.







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Module 1. Introduction to Oncology. Oncology Nursing

- 1.1. Oncology and Oncology Nursing
 - 1.1.1. Introduction to Oncology Nursing
 - 1.1.2. Cancer Definition
 - 1.1.3. Essential Histological Concepts
- 1.2. Etiopathogenesis and Biology of Cancer
 - 1.2.1. Etiopathogenic Theories
 - 1.2.1.1. Viral Theory
 - 1.2.1.2. Oncogene Theory
 - 1.2.1.3. Suppressor Genes Theory
 - 1.2.1.4. Gene Theory
 - 1.2.1.5. Inflammatory Theory
 - 1.2.2. Biology of Cancer
 - 1.2.2.1. Concepts in Cell Biology
 - 1.2.2.2. Mechanisms of Malignant Transformation
- 1.3. Carcinogenesis
 - 1.3.1. Genetic Alterations
 - 1.3.1.1. Proto-Oncogenes
 - 1.3.1.2. Tumor Repair Genes
 - 1.3.1.3. DNA Repair Genes
 - 1.3.2. Epigenetic Alterations
 - 1.3.3. Carcinogenic Agents
- 1.4 Classification and Nomenclature of Tumors
 - 1.4.1. Benign Tumors
 - 1.4.2. Malignant tumours
- 1.5. Tumor Progression Staging.
 - 1.5.1. Tumor Dissemination Routes
 - 1.5.2. Staging
 - 1.5.2.1. Depending on the Size
 - 1.5.2.2. Depending on the Level of Differentiation

- 1.6. Risk Factors.
 - 1.6.1 Genetic Factors
 - 1.6.2 Hormonal Factors
 - 1.6.3. Radiation
 - 1.6.4. Tobacco
 - 1.6.5. Alcohol
 - 1.6.6. Diet
 - 1.6.7. Drugs:
 - 1.6.8. Physical Agents
 - 1.6.9. Chemical Agents
 - 1.6.10. Biological Agents
 - 1.6.11. Occupational Exposure
- 1.7. Epidemiology of Cancer.
 - 1.7.1. Cancer Epidemiology Worldwide
 - 1.7.2. Cancer Epidemiology in Spain
 - 1.7.2.1. Incidence
 - 1.7.2.2. Prevalence
 - 1.7.2.3. Mortality
 - 1.7.2.4. Survival
- 1.8. Cancer Prevention.
 - 1.8.1. Types of Prevention
 - 1.8.2. Primary Prevention
 - 1.8.2.1. Intervention Against Smoking
 - 1.8.2.2. Intervention Against Alcohol Consumption
 - 1.8.2.3. Promotion of Healthy Diet
 - 1.8.3. Secondary prevention
 - 1.8.4. Tertiary prevention
 - 1.8.5. Quaternary Prevention
- 1.9. Early Detection Programs
 - 1.9.1. Colorectal Cancer Early Detection Program
 - 1.9.2. Breast Cancer Early Detection Program
 - 1.9.3. Cervical Cancer Early Detection Program

- 1.10. Global Assessment of the Oncologic Patient
 - 1.10.1. Tumor Markers
 - 1.10.2. Imaging Tests
 - 1.10.3. Neurological Assessment Scales
 - 1.10.3.1. Quality of Life Rating Scales
 - 1.10.3.1.1. Symptom Assessment
 - 1.10.3.1.2 Functional Assessment
 - 1.10.3.1.3. Quality of life Assessment

Module 2. Clinical Manifestations and Emergencies in the Oncologic Patient

- 2.1. Introduction to Semiology in the Oncologic Patient
 - 2.1.1. Nurse Assessment the Oncologic Patient
 - 2.1.2. NANDA-NOC-NIC Care Plan
- 2.2. Respiratory Manifestations
 - 2.2.1. Dyspnoea
 - 2.2.2. Cough
 - 2.2.3. Hiccup
 - 2.2.4. Hemoptysis.
 - 2.2.5. Neoplastic Pleural Effusion
- 2.3. Digestive System Manifestations
 - 2.3.1 Dry Mouth
 - 2.3.2. Nausea and Vomiting
 - 2.3.3. Constipation. Fecaloma
 - 2.3.4. Diarrhea
 - 2.3.5. Gastric Crush Syndrome
 - 2.3.6. Dysphagia
 - 2.3.7. Sialorrhea
 - 2.3.8. Intestinal Obstruction
 - 2.3.9. Neoplastic Ascites
- 2.4. Urinary Manifestations
 - 2.4.1. Bladder Spasm
 - 2.4.2. Urinary Incontinence
 - 2.4.3. Vesical Tenesmus

- 2.4.4. Dysuria
- 2.4.5. Hematuria.
- 2.5. Psychological Manifestations
 - 2.5.1. Acute Confusional Syndrome
 - 2.5.2. Anxiety
 - 2.5.3. Depression
 - 2.5.4. Insomnia
- 2.6. Nervous System Manifestations
 - 2.6.1. Seizures.
 - 2.6.2. Spinal Cord Compression
 - 2.6.3. Intracranial Hypertension
 - 2.6.4. Muscle Spasms
 - 2.6.5. Metabolic Encephalopathy
- 2.7. Hematologic and Circulatory Manifestations
 - 2.7.1. Hemorrhages
 - 2.7.2. Anaemia
 - 2.7.3. Superior Vena Cava Syndrome
 - 2.7.4. Neoplastic Pericardial Effusion
- 2.8. Miscellaneous: Systemic Symptoms and Constitutional Syndrome
 - 2.8.1. Asthenia
 - 2.8.2. Anorexia. Cachexia
 - 2.8.3. Diaphoresis
 - 2.8.4. Neoplastic Lymphedema
 - 2.8.5. Tumor Ulcers
 - 2.8.6. Pruritus
 - 2.8.7. Neoplastic Fever
- 2.9. Basis of Pain in Oncologic Patients
 - 2.9.1. Anatomophysiology
 - 2.9.2. Etiology
 - 2.9.3. Subjective Assessment
 - 2.9.4. Objective Assessment
 - 2.9.5. Measuring Instrumentation

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- 2.10. Analgesic Treatment Importance
 - 2.10.1. Analgesic Treatment Myths
 - 2.10.2. Analgesia Modalities

Module 3. Oncology Nursing Research

- 3.1. Research Bases in Health Sciences
 - 3.1.1. The Scientific Method. Structure
 - 3.1.2. Quantitative and Qualitative Research Designs
 - 3.1.3. Variables Definition Sampling
 - 3.1.4. Data Analysis
 - 3.1.5. Results Presentation
- 3.2. Oncology Applied Research
 - 3.2.1. Medical history
 - 3.2.2. Current Overview
- 3.3. Oncology Research Areas
 - 3.3.1. Surgical Oncology
 - 3.3.2. Radiotherapy Oncology
 - 3.3.3. Medical Oncology
- 3.4. Oncology Translational Research
 - 3.4.1. Basic and Clinical Research
 - 3.4.2. Translational Research as a Roadmap
- 3.5. Nursing Oncology Research Areas
 - 3.5.1. Nursing Care Research
 - 3.5.2. Research on Oncology Patient Problems
 - 3.5.3. Research in Activities Derived from Other Disciplines
 - 3.5.4. Resource Management and Leadership





Structure and Content | 21 tech

- 3.6. Challenges for the Future of Oncology Nursing Research.
 - 3.6.1. History of Nursing Research
 - 3.6.2. Nursing Research Difficulties
 - 3.6.3. Future Outlook
- 3.7. Guidelines for Junior Researchers
 - 3.7.1. Research Project Design
 - 3.7.2. Main Groups and Research Lines
 - 3.7.3. Resources for Junior Researchers
 - 3.7.4. Financing Means
- 3.8. Evidence-Based Nursing
 - 3.8.1. Evidence-Based Practices in Oncology
- 3.9. Critical Reading of Scientific Literature
 - 3.9.1. Basis of Critical Reading
 - 3.9.2. Models of Critical Reading
- 3.10. Research: ICT and Apps Applied to Oncology
 - 3.10.1. Use and Communication between Professionals
 - 3.10.2. Patient Outreach

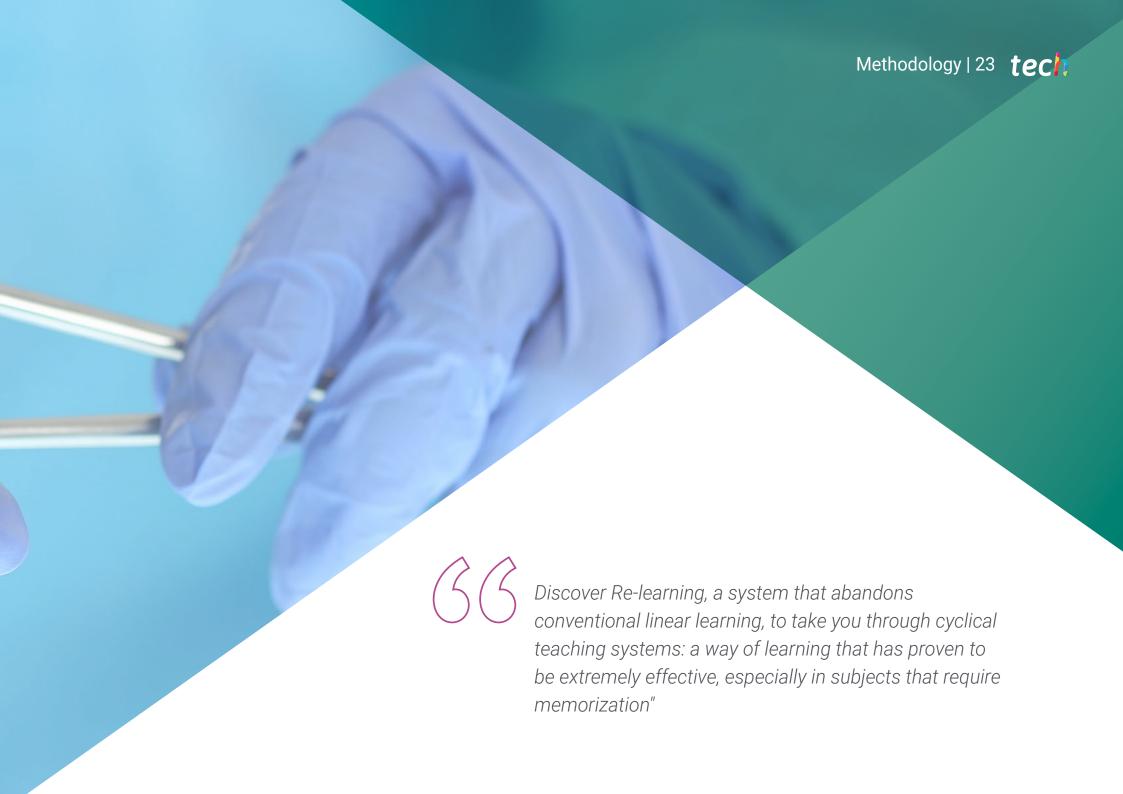


This specialization will allow you to advance in your career comfortably"



This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: *Re-learning*.

This teaching system is used in the most prestigious medical schools in the world, and major publications such as the *New England Journal of Medicine*have considered it to be one of the most effective.

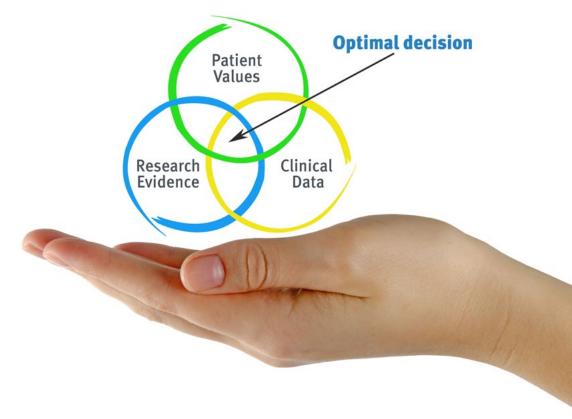


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At TECH Nursing School we use the Case Method

In a given clinical situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant 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:

- 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 university program.





Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing 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.



Metodology | 27 tech

At the forefront of world teaching, the Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success, in all specialties regardless of from the workload. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards

In this program you will have access to the best educational material, prepared with you 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.

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.



Nursing Techniques and Procedures on Video

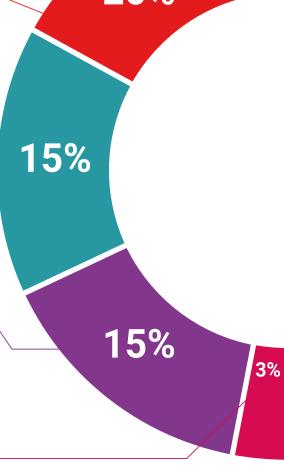
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current nursing procedures and techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



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.

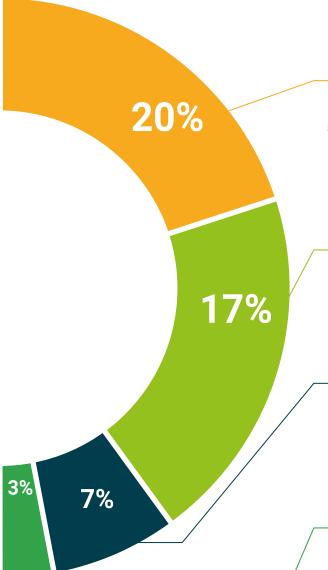
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".





Additional Reading

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



Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Re-testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our future difficult decisions.

Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.







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This **Postgraduate Diploma in Clinical Manifestations and Research in Oncology Nursing** has the most complete and updated scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the **Postgraduate Diploma**, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: Postgraduate Diploma in Clinical Manifestations and Oncology Nursing Research

ECTS: 18

Official Number of Hours: 450 hours.



^{*}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.

technological university

Postgraduate Diploma Clinical Manifestations and **Oncology Nursing Research**

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- » Dedication: 16h/week
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