

Postgraduate Certificate

Hematology Nursing Care Plans





Postgraduate Certificate Hematology Nursing Care Plans

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/nursing/postgraduate-certificate/hematology-nursing-care-plans



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01

Introduction to the Program

Care Plans in Hematology Nursing are essential to provide comprehensive and personalized care to patients with hematologic disorders. These plans are based on a comprehensive assessment of the patient's physical, emotional and social needs, allowing for the early identification of complications and the implementation of specific interventions. Furthermore, the standardization of these plans, through protocols and clinical guidelines, facilitates coordination between health professionals and guarantees quality of care. In this context, TECH has developed a 100% online program, designed to offer the flexibility to adapt to the work and personal responsibilities of graduates, using the revolutionary Relearning methodology, one of the main characteristics of this institution.



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With this 100% online Postgraduate Certificate, you will equip yourself with practical and theoretical tools to safely apply advanced treatments such as chemotherapy and blood products”

The implementation of Hematology Nursing Care Plans allows nursing procedures to be standardized according to the needs of patient groups, guaranteeing quality care and safety. In fact, interventions such as the proper management of venous access, the safe administration of cytostatics and the prevention of complications associated with treatments such as chemotherapy stand out.

This is how this Postgraduate Certificate was developed, which aims to develop key skills so that nurses can effectively and safely apply the different types of chemotherapy and blood products. In this sense, the program will cover the correct administration of these treatments and the monitoring of side effects, guaranteeing that patients receive the best possible care during their treatment.

Likewise, specific care strategies will be implemented for hematology patients, including nutritional assessment and the management of digestive disorders. To this end, professionals will identify the nutritional needs of patients and provide adequate nutritional support, both in situations of malnutrition and in those that require a more personalized approach due to the effects of the treatments.

Finally, the capacity to respond effectively to emergency situations in hematology patients will be strengthened, a crucial aspect in the management of conditions such as leukemia or lymphoma. In addition, specialized skills will be developed to provide comprehensive care to patients undergoing a Hematopoietic Stem Cell Transplantation (HSCT), as well as interventions to address the emotional impact of the diagnosis.

In this way, TECH has created a high-quality, 100% online educational program that will provide graduates to access to all teaching resources through an electronic device with an Internet connection. This will eliminate barriers such as the need to travel to on-site centers or the limitations of fixed schedules. Additionally, it will include the innovative Relearning methodology, which is based on the strategic repetition of key concepts to ensure effective and dynamic learning.

This **Postgraduate Certificate in Hematology Nursing Care Plans** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts with a deep knowledge of detection and intervention techniques in Hematology Nursing, which facilitate the work of nurses in clinics, hospitals and other healthcare centers
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



You will handle the complexities associated with these treatments, guaranteeing the correct administration and monitoring of patients, through the best teaching materials, at the technological and academic forefront

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You will offer support and guidance during the different phases of the hematologic disease, contributing to the psychological and emotional well-being of your patients and their families. What are you waiting for to enroll?”

The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to prepare for real situations.

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

You will manage complications related to hematological treatments, minimizing risks and improving the clinical results for patients, thanks to an extensive library of innovative multimedia resources.

You will learn more about nutritional support techniques, providing adequate accompaniment to improve the nutritional status and quality of life of the patient. With all the TECH quality guarantees!



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".

Forbes

The best online university in the world

The most complete
syllabus

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.

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.

↑
TOP
international faculty

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 most effective methodology

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.

World's No.1
The World's largest online university

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.



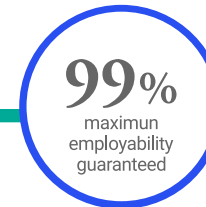
Google Premier Partner

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

Throughout this university program, theoretical and practical content will be addressed related to the safe administration of chemotherapy and blood products, nutritional assessment and the management of digestive disorders, as well as nutritional support in these patients. There will also be an in-depth look at the development of skills to respond to emergency situations and the management of patients undergoing hematopoietic transplants. In addition, topics focused on the emotional care of the patient will be included, teaching nurses to provide psychological support during the different phases of the disease.



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The syllabus of the Postgraduate Certificate in Hematology Nursing Care Plans has been designed to offer you comprehensive and specialized education in the care of hematology patients”

Module 1. Hematology Nursing Care Plans

- 1.1. Drug Administration
 - 1.1.1. Routes of Administration of Chemotherapy and Immunotherapy
 - 1.1.2. Types of Chemotherapy and Immunotherapy
 - 1.1.3. Most Common Adverse Reactions
 - 1.1.4. Management of Cytostatic Extravasation
 - 1.1.5. Safe Preparation and Handling of Drugs
- 1.2. Administration of Blood Products
 - 1.2.1. Types of Blood Products
 - 1.2.2. Acute and Delayed Transfusion Reactions
 - 1.2.3. Special Considerations: Pediatric and Geriatric Patients and Patients with Cardiovascular Diseases
- 1.3. Nursing Approach to the Nutrition of Hematology Patients
 - 1.3.1. Changes in Intake
 - 1.3.2. Assessment of Nutritional Status
 - 1.3.3. Management of Digestive Disorders
 - 1.3.4. Nutritional Support: Enteral and Parenteral
- 1.4. Care of the Skin and Mucous Membranes in the Care Process
 - 1.4.1. Alterations of the Skin and Cutaneous Mucous Membranes
 - 1.4.2. Prevention and Management
 - 1.4.3. Psychosocial and Aesthetic Impact on Skin Disorders
- 1.5. Emergency Situations in Hematology Patients
 - 1.5.1. Immunological Complications
 - 1.5.2. Neutropenic Sepsis
 - 1.5.3. Hemorrhagic Complications
 - 1.5.4. Major Hemorrhage
 - 1.5.5. Severe Thrombocytopenia
 - 1.5.6. Acute Anemia
 - 1.5.7. Metabolic Complications
 - 1.5.7.1. Hypercalcemia
 - 1.5.7.2. Tumor Lysis Syndrome
 - 1.5.8. Vascular Complications
 - 1.5.8.1. Hyperleukocytosis
 - 1.5.8.2. Complications of Sickle Cell Disease





- 1.6. Hematopoietic Stem Cell Transplantation (HSCT)
 - 1.6.1. Differences between Autologous and Allogeneic HSCT. Types e Indicators
 - 1.6.2. Donor Selection and Inclusion Criteria
 - 1.6.3. Obtaining Hematopoietic Stem Cells. Mobilization and Apheresis
 - 1.6.4. Setting Up
 - 1.6.5. Stem Cell Infusion
 - 1.6.6. Post-Transplantation Phase: Follow-up and Care
- 1.7. Nursing Care in Hematopoietic Stem Cell Transplantation (HSCT)
 - 1.7.1. Pre-transplant Preparation and Conditioning
 - 1.7.2. Nursing Care During Stem Cell Infusion
 - 1.7.3. Management of Post-Transplantation Aplasia
 - 1.7.4. Complications in Stem Cell Transplantation
 - 1.7.5. Graft-Versus-Host Disease (GVHD)
 - 1.7.6. Complications Caused by the Toxicity of the Conditioning Treatment
 - 1.7.7. Infectious Complications
 - 1.7.8. Infection Prevention in Hematopoietic Stem Cell Transplantation
- 1.8. CAR-T Cell Therapy
 - 1.8.1. CAR-T Cell Therapy. Indications
 - 1.8.2. Therapy Process. Obtaining CAR-T Cells
 - 1.8.3. Possible Secondary Effects
 - 1.8.4. Challenges for the Future
- 1.9. Psychological Approach to CAR-T Cell Therapy
 - 1.9.1. Psychological Impact of Diagnosis and Treatment
 - 1.9.2. Interventions in the Psychological Approach
 - 1.9.3. Support as Part of the Holistic Process
- 1.10. Physical and Emotional Complications for the Patient and Family in CAR-T Cell Therapy
 - 1.10.1. Management of Chronic Pain and Fatigue
 - 1.10.2. Addressing Body Image Disturbances
 - 1.10.3. Preventing Burnout in the Primary Caregiver

04

Teaching Objectives

Through this academic qualification, professionals will develop skills in the safe administration of chemotherapy and blood products, the management of nutritional and digestive disorders, as well as in the care of specific emergencies in hematology patients. In addition, the skills of nurses will be strengthened to provide specialized care to patients undergoing hematopoietic stem cell transplantations, promoting an emotional and psychological approach, offering support and accompaniment to patients during the illness.





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The main objective of the Postgraduate Certificate will be to qualify you to offer comprehensive and specialized care to patients with hematologic disorders, ensuring the correct implementation of personalized care”



General Objectives

- ♦ Develop a comprehensive and specialized approach to the care of patients undergoing Hematopoietic Stem Cell Transplantation, both Allogeneic and Autologous
- ♦ Generate emotional and psychological support in the care of hematology patients, through the implementation of basic interventions and accompaniment



You will strengthen your ability to respond to emergency situations in hematology patients, crucial for care at critical moments, with the support of the revolutionary Relearning methodology”





Specific Objectives

- ♦ Develop skills to apply different types of chemotherapy and blood products effectively and safely
- ♦ Implement specific care strategies for hematology patients with a focus on nutritional assessment, management of digestive disorders and nutritional support
- ♦ Strengthen the ability to respond to emergency situations in hematology patients
- ♦ Develop specialized skills to provide comprehensive care to patients undergoing HSCT
- ♦ Propose effective interventions to address the emotional impact of diagnosis, providing support and accompaniment during the different phases of the disease

05 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.

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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

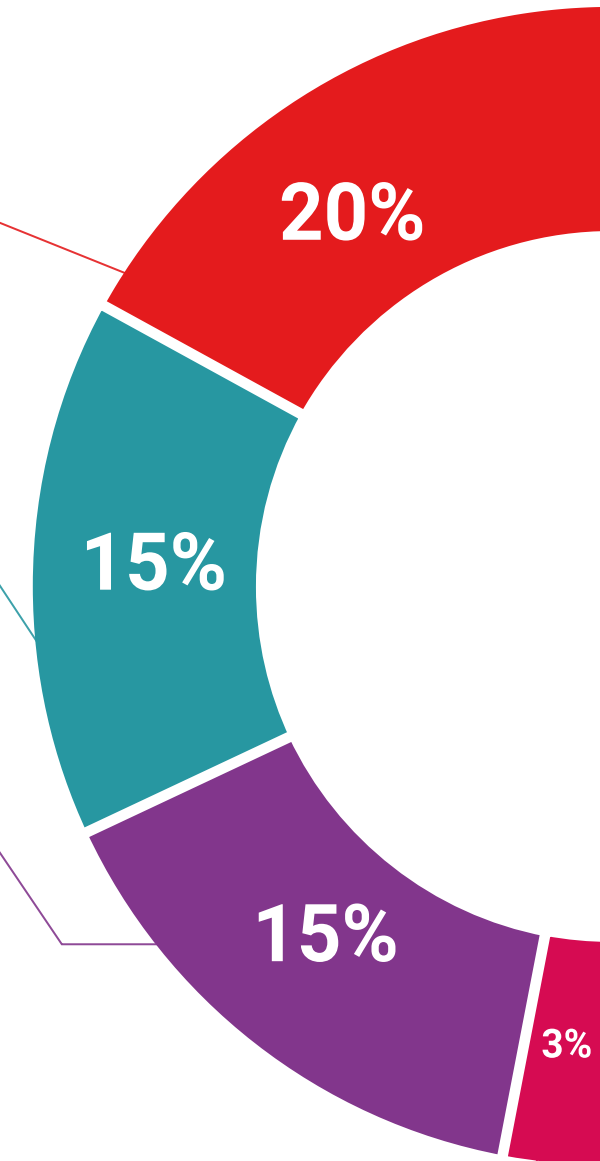
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

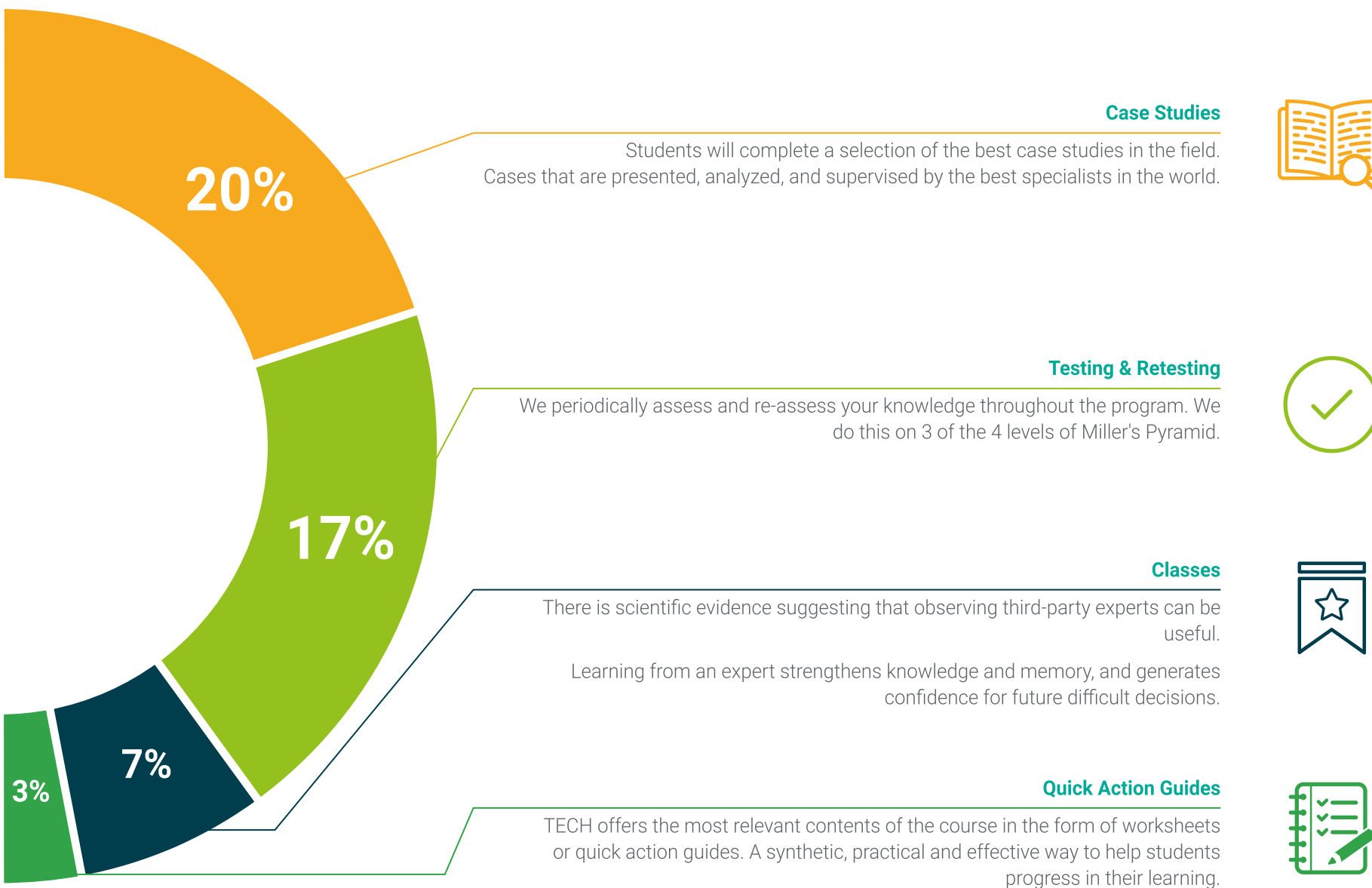
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06

Teaching Staff

The teaching staff is made up of a highly qualified team of professionals with extensive experience in the field of Hematology Nursing and Oncology. In fact, they have a high level of academic background and clinical experience, providing graduates with a practical and up-to-date vision of specialized care in hematology patients. In addition, they have an outstanding background in research and health management, which guarantees that the content is based on the latest scientific evidence and best practices in the field.



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The combination of experts in the field and the innovative student-centered methodology will ensure that you acquire the skills to face the challenges of caring for patients with hematologic disorders”

Management



Ms. Moreno Rivera, Nerea

- Director of Nursing at the Ruber Juan Bravo University Hospital
- Director of Nursing at the HLA Inmaculada University Hospital
- Head of Quality and Environment at the HLA Inmaculada University Hospital
- Head of Environment at the HLA Moncloa University Hospital
- Pharmacy Supervisor at the HLA Moncloa University Hospital
- ICU Supervisor at the HLA Moncloa University Hospital
- QX Supervisor at the HLA Moncloa University Hospital
- Master's Degree in Digital Management and Innovation Nursing Care from the European University of Madrid
- Master's Degree in Out-of-Hospital Emergencies from FUDEN
- University Expert in Human Resources Management Nursing from the UNED
- University Expert in Forensic and Legal Nursing from the UNED
- Diploma in Nursing from the Pontifical University of Salamanca



Professors

Ms. Castillo Gallardo, Vanessa

- ♦ Inpatient Supervisor at the Ruber Juan Bravo Hospital
- ♦ Nurse at the Quirónsalud Madrid University Hospital
- ♦ Nurse at the Nuestra Señora de América Hospital
- ♦ Nurse at the Gregorio Marañón General University Hospital
- ♦ Senior Technician in the Clinical Diagnostic Laboratory
- ♦ University Expert in Nursing Processes and Interventions for Adult Patients in Life-Threatening Situations from the Catholic University of Ávila
- ♦ Degree in Nursing from the "Salus Infirmorum" Faculty of Nursing and Physiotherapy

Ms. Sánchez Monedero, Tamara

- ♦ Inpatient Nursing Supervisor at HLA Moncloa University Hospital
- ♦ Nurse at HLA Moncloa University Hospital
- ♦ Nurse in charge of blood sampling at Nueva Segovia S.L. Clinical Analysis
- ♦ Emergency, Pulmonology and Neurology Nurse at La Paz University Hospital
- ♦ Master's Degree in Health Services Management from Alfonso X El Sabio University
- ♦ University Expert in Critical Care Nursing from the Complutense University of Madrid
- ♦ Diploma in Nursing from the Autonomous University of Madrid

07 Certificate

The Postgraduate Certificate in Hematology Nursing Care Plans guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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

This private qualification will allow you to obtain a **Postgraduate Certificate in Hematology Nursing Care Plans** endorsed by **TECH Global University**, the world's largest online university.

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

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

Title: **Postgraduate Certificate in Hematology Nursing Care Plans**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



Postgraduate Certificate Hematology Nursing Care Plans

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Postgraduate Certificate

Hematology Nursing Care Plans