

Postgraduate Certificate

Chronic Lymphocytic Leukemia



Postgraduate Certificate Chronic Lymphocytic Leukemia

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/chronic-lymphocytic-leukemia

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01

Introduction

Chronic Lymphocytic Leukemia (CLL) is a type of blood cancer that primarily affects older adults and occurs more frequently in men than in women. Due to its complexity, it is essential to have trained professionals for accurate diagnosis and treatment. For this reason, TECH has developed a rigorous program focused on CLL, offering specialized certification in this area. The goal is to update specialists on the latest scientific evidence. In addition, the course is delivered 100% online, featuring the Relearning pedagogical methodology and offering significant flexibility in organizing academic resources. This allows students to tailor their learning pace to their individual needs.



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Enroll at TECH and broaden your knowledge about the available treatments for Chronic Lymphocytic Leukemia and how to choose the most appropriate approach for each case”

Chronic Lymphocytic Leukemia (CLL) is a form of blood cancer that primarily affects older adults. This type of leukemia is characterized by an excess of abnormal lymphocytic cells, which can disrupt the proper functioning of the immune system and increase vulnerability to infections. It is important to note that, due to the complexity of this disease, it is essential for physicians responsible for its diagnosis and treatment to receive specialized and up-to-date education.

The Postgraduate Certificate in Chronic Lymphocytic Leukemia offers specialized certification in this area, aiming to provide professionals with the necessary tools to identify the symptoms and characteristics of CLL. It also equips them with the knowledge to design appropriate, personalized treatment plans for each patient. The program covers topics such as pathogenesis, clinical aspects, diagnosis, and both current and emerging treatments for CLL. It also delves into the new diagnostic classifications in myelodysplastic syndromes (MDS) and the selection of treatment initiation in CLL, always with a focus on the real benefit to patients.

The program is delivered 100% online, allowing students to access materials anytime, anywhere, and adapt their learning pace to their individual schedules and needs. Additionally, the Relearning pedagogical methodology—based on spaced repetition and active recall—is employed to enhance content retention and understanding. The flexibility in organizing academic resources also allows students to choose the format and timing of their study, increasing the effectiveness of content assimilation.

This **Postgraduate Certificate in Chronic Lymphocytic Leukemia** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical case studies presented by experts in Chronic Lymphocytic Leukemia
- ♦ The graphic, schematic, and practical content with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ 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 meet the experts in the field of Chronic Lymphocytic Leukemia, and learn from their vast experience in the treatment of the disease”

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Enroll to develop specialized skills in the diagnosis and treatment of Chronic Lymphocytic Leukemia through an innovative and effective learning methodology”

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 learn in 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 experts.

Learn about the latest scientific research in the field of etiopathogenesis and how to apply it in clinical practice.

At TECH you will learn to develop critical and analytical skills in the interpretation of diagnostic and follow-up tests in patients with Chronic Lymphocytic Leukemia.



02 Objectives

The purpose of this Postgraduate Certificate in Chronic Lymphocytic Leukemia is to offer the specialist the latest and most relevant scientific evidence in the field of Oncohematology. Students will have the opportunity to be updated in the new diagnostic classifications in MDS, as well as in the appropriate selection of the initiation of treatments in chronic lymphocytic cancer. In addition, the importance of having a global vision focused on the real long-term benefit of patients, without being influenced by the interests of the pharmaceutical industry, will be emphasized. To this end, TECH establishes a series of general and specific objectives to fulfill future graduates' expectations.





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Learn how to consider the psychological and emotional aspects of patients with Chronic Lymphocytic Leukemia and how to manage them in clinical practice to optimize their quality of life”



General Objectives

- ♦ Explore the etiopathogenesis, diagnosis, and prognosis of Myelodysplastic Syndromes
- ♦ Update pharmacological knowledge used in Oncohematology
- ♦ Investigate the latest scientific publications on the most appropriate treatments for Acute Lymphoblastic Leukemia (ALL)
- ♦ Delve into the growing problem of resistant microorganisms
- ♦ Assess the evidence and current recommendations on prophylaxis
- ♦ Deepen in the routine care of oncohematological patients affected by SARS-CoV2



Explore with TECH a variety of multimedia and multi-channel resources that will allow you to deepen your knowledge of comorbidity scales”





Specific Objectives

- Update practical concepts important for routine practice
- Determine when to consider initiating treatment with the appropriate use of adjunctive tests at any given time
- Analyze the advantages and disadvantages of the different therapeutic alternatives
- Develop a critical spirit towards published studies, know how to discern their methodological limitations and the different levels of evidence
- Obtain a global vision far from the interests of the industry and focused on the real long-term benefit of the patients

03

Structure and Content

The most up-to-date content on Chronic Lymphocytic Leukemia is consolidated in the curriculum of this Postgraduate Certificate. Students will gain access to the latest scientific evidence related to the diagnosis and specific pharmacological treatments of this hematologic disease. In addition, the academic itinerary includes relevant topics such as complications arising from allogeneic transplantation of hemopoietic progenitors and invasive fungal infections. Students will have at their disposal innovative teaching material that is accessible 24 hours a day, 7 days a week, to ensure efficient learning at their own pace.



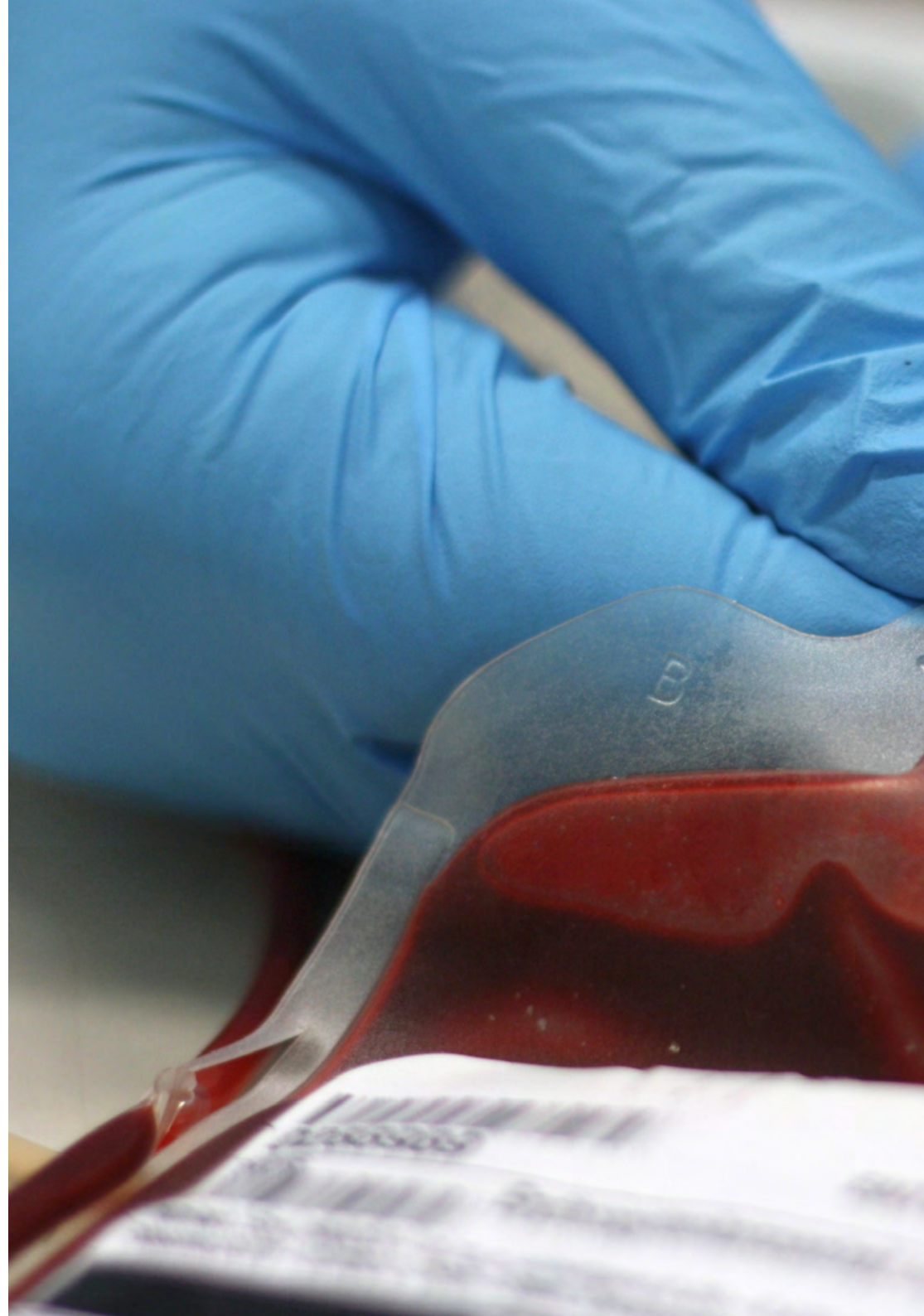


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Enroll at TECH and take advantage of the flexibility of a 100% online program to adapt your learning to your personal needs and schedule”

Module 1. Chronic Lymphocytic Leukemia

- 1.1. Diagnosis
 - 1.1.1. Etiopathogenesis
 - 1.1.2. Diagnostic Tests
 - 1.1.3. Treatment Indications
- 1.2. Prognosis
 - 1.2.1. Prognostic and Predictive Factors
 - 1.2.2. Prognostic Scoring Systems
- 1.3. Role of Comorbidities and Geriatric Assessment
 - 1.3.1. Comorbidity Scales
 - 1.3.2. Geriatric Scores
 - 1.3.3. Quality of Life Questionnaires. PROMs
- 1.4. First-Line Treatment
 - 1.4.1. Immunochemotherapy
 - 1.4.2. BTK Inhibitors
 - 1.4.3. Bcl2 inhibitor. Combinations
- 1.5. Treatment of Relapsed/Refractory Disease
 - 1.5.1. Algorithms
 - 1.5.2. Treatment Sequencing
 - 1.5.3. Role of Hematopoietic Stem Cell Transplant (HSCT) in CLL
- 1.6. Practical Management of BTK Inhibitors (BTKi)
 - 1.6.1. Hemorrhagic Complications
 - 1.6.2. Cardiovascular Complications
 - 1.6.3. Other Toxicities



- 1.7. Practical Management of Venetoclax
 - 1.7.1. Tumor Lysis Syndrome Risk Assessment and Prophylaxis
 - 1.7.2. Management of Cytopenias
- 1.8. COVID-19 and CLL
 - 1.8.1. Antiviral Treatment Indications
 - 1.8.2. Pre-Exposure Prophylaxis Indications
 - 1.8.3. Other Recommendations and Vaccinations in CLL
- 1.9. Richter's Syndrome
 - 1.9.1. Pathogenesis and Clinical Features
 - 1.9.2. DLBCL and HL. Clonal Relationship
 - 1.9.3. Treatment Options
- 1.10. Novel BTK Inhibitors
 - 1.10.1. New BTKi
 - 1.10.2. Other Drugs in Development
 - 1.10.3. CAR T-Cell Therapy in CLL

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Enroll now and start transforming the lives of your patients with a specialized qualification in the treatment of Richter's Syndrome”

04

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

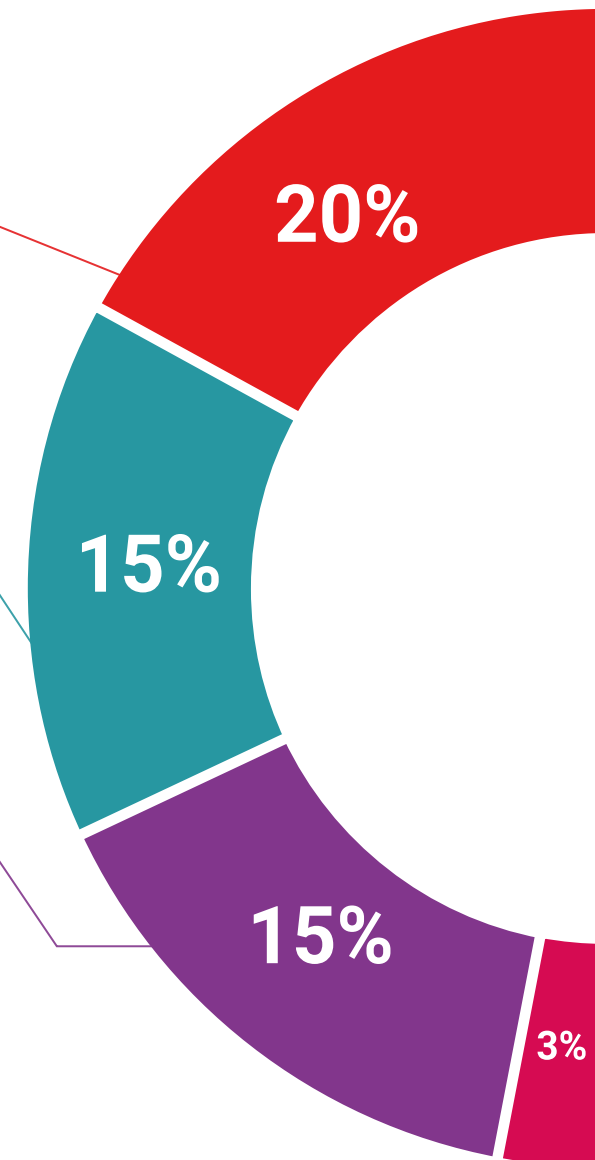
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

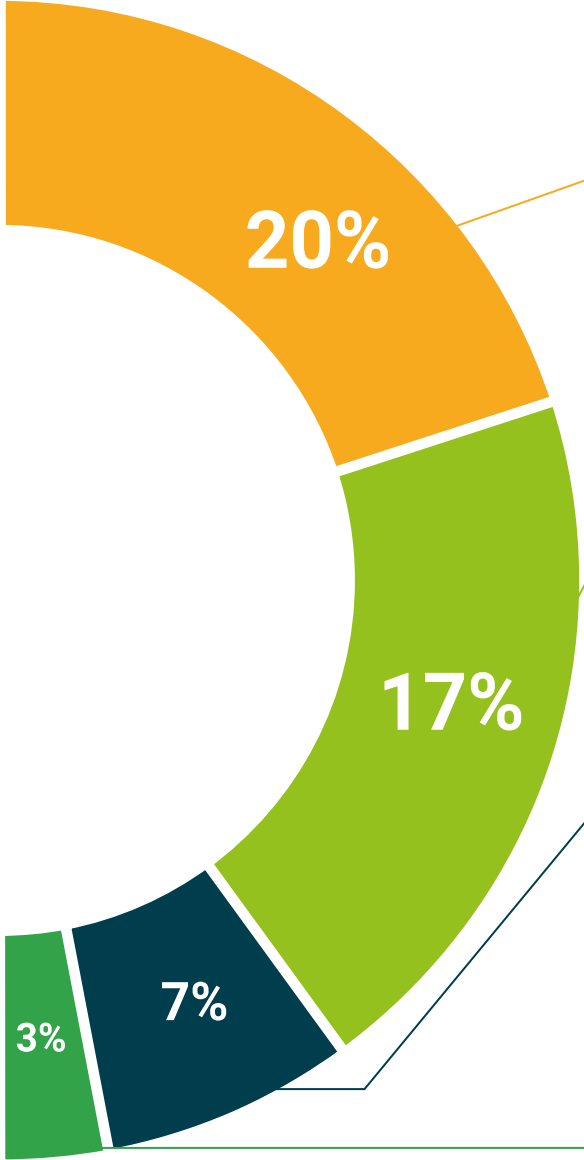
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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.



05 Certificate

This Postgraduate Certificate in Chronic Lymphocytic Leukemia guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 diploma for the **Postgraduate Certificate in Chronic Lymphocytic Leukemia** 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 Chronic Lymphocytic Leukemia**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



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