

# Postgraduate Certificate

## Multiple Myeloma and Primary Amyloidosis



## Postgraduate Certificate Multiple Myeloma and Primary Amyloidosis

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-certificate/multiple-myeloma-primary-amyloidosis](http://www.techtitute.com/us/medicine/postgraduate-certificate/multiple-myeloma-primary-amyloidosis)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Structure and Content

---

*p. 12*

04

Methodology

---

*p. 16*

05

Certificate

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*p. 24*

# 01

# Introduction

Multiple Myeloma and Primary Amyloidosis are oncohematological diseases that affect a large number of people worldwide. The need to train specialists in the diagnosis and treatment of these pathologies is crucial to improve the quality of life of patients and increase their chances of cure. For this reason TECH has created an innovative program that is designed to offer a complete and updated education on the basic to the most advanced aspects of pharmacological treatments. The program is 100% online, with a Relearning pedagogical methodology that allows a better understanding of the contents and flexibility in the organization of academic resources. Students will be supported by experts in the field and will have access to innovative and updated didactic material.



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*With TECH you will discover the latest trends and techniques in the treatment of Multiple Myeloma and Primary Amyloidosis from leading experts in the field"*

Multiple Myeloma is a type of cancer that affects plasma cells, while Primary Amyloidosis is a disease in which abnormal proteins accumulate in the body's organs and tissues. These pathologies affect a large number of people worldwide, as they are difficult to treat and can be devastating for both patients and their families.

For this reason, it is essential to have specialists in Oncohematology who are up to date in the latest advances in the diagnosis and intervention of these diseases. The Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis is designed to provide healthcare professionals with the necessary tools to face these challenges.

The program focuses on providing students with a comprehensive understanding of the pathophysiology, diagnosis and management of these hematologic disorders. Through a practical and evidence-based approach, they will learn to apply the latest techniques and treatment strategies in the care of patients with these conditions.

This Postgraduate Certificate is taught in a 100% online model, which allows future TECH graduates to study at their own pace and from anywhere. The Relearning pedagogical methodology is used to maximize the efficiency of learning, which allows to consolidate and apply the acquired knowledge immediately. In addition, students have access to innovative didactic material whenever they wish, which gives them the flexibility to organize their academic resources and study at their own pace.

This **Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis** 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 in Multiple Myeloma and Primary Amyloidosis
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used 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



*Access the Relearning pedagogical method, which will guarantee you a personalized learning experience, adapted to your pace and learning style"*

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*With TECH you will have the opportunity to access a wide variety of job opportunities in the field of research, teaching or health care"*

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

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

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. This will be done with the help of an innovative system of interactive videos made by renowned experts.

*Obtain quality training in one of the most demanded areas in the health sector and become a highly qualified professional.*

*Become a leader in the field of Oncohematology, thanks to the skills and competencies you will acquire with this Postgraduate Certificate.*



# 02 Objectives

The Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis has as its main objective to provide specialists with the latest scientific evidence in the field of Oncohematology. The student will be updated in the new diagnostic classifications and in the choice of specific treatments for these diseases. In addition, the curriculum focuses on the real long-term benefit of patients, away from the commercial interests of the pharmaceutical industry. Students will obtain a global and updated vision of the difficulties posed by these pathologies and will be able to address the challenges of daily clinical practice in this field. For this reason, TECH has established a series of general and specific objectives for the satisfaction of future graduates, as follows.





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*Enroll to learn how to use the latest technologies and tools in the field of Oncohematology to improve the quality of treatments and outcomes for patients”*



## General Objectives

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- ◆ Delve into the etiopathogenesis, diagnosis and prognosis of myelodysplastic syndromes
- ◆ Update the pharmacological knowledge used in Oncohematology
- ◆ Investigate the most recent scientific publications on the most appropriate treatments in LAL
- ◆ 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



*Succeed with the best and acquire the knowledge and skills you need to embark on the lymphatic Diagnoses industry"*





## Specific Objectives

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- ◆ Update the most important concepts of diagnosis, prognosis and treatment of these entities.
- ◆ Analyze the current controversial points, such as the concept of high-risk monoclonal gammopathy and the recommendations made by some authors on the tests and follow-up to be performed, which could, according to others, generate unnecessary iatrogenesis
- ◆ Delve into the controversy generated by the recommendations of some authors regarding the treatment of quiescent myelomas or biological relapses without CRAB criteria
- ◆ Approaching the therapeutic novelties in these entities
- ◆ Deepen in the advantages and disadvantages of each drug, each scheme and the possible sequences of them

# 04

## Structure and Content

The Postgraduate Certificate Multiple Myeloma and Primary Amyloidosis provides the student with the most updated content on the treatment of these diseases, including relevant indexes and prognoses. The program delves into the latest scientific evidence related to the specific drugs used throughout the process of intervention in patients. In addition, the innovative didactic material is available 24 hours a day, 7 days a week, allowing for effective and flexible learning.



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*Looking for a rigorous update in the treatment of complex hematologic diseases? This Postgraduate Certificate is the best option for acquiring the skills”*

## Module 1. Multiple myeloma and primary amyloidosis

- 1.1. Monoclonal Gammopathy of Uncertain Significance
  - 1.1.1. Low- and High- Degrees GMSI
  - 1.1.2. Recommended evaluations
  - 1.1.3. GM of renal and other significance
- 1.2. Multiple Myeloma (MM) Etiopathogenesis, Diagnosis and Prognosis
  - 1.2.1. Diagnostic Criteria
  - 1.2.2. Genetic Alterations
  - 1.2.3. Prognostic indices
- 1.3. Treatment Indications
  - 1.3.1. WHO Criteria
  - 1.3.2. Quiescent MM
- 1.4. MM First in Line Treatment
  - 1.4.1. Suitability for TASPE in 1L
  - 1.4.2. Types of drugs
  - 1.4.3. Recommended combinations
- 1.5. Relapse/refractory treatment
  - 1.5.1. General Considerations. Treatment Indications
  - 1.5.2. Available Drugs
  - 1.5.3. Algorithms or possible sequences
- 1.6. New Treatments in MM
  - 1.6.1. Anti-BCMA antibody conjugates
  - 1.6.2. Bispecific anti BCMA antibodies
  - 1.6.3. Others: elotuzumab, selinexor
- 1.7. CAR T at mm
  - 1.7.1. Cilta-cel
  - 1.7.2. Ide-cel





- 1.8. Primary Amyloidosis. Diagnosis and Prognosis
  - 1.8.1. Etiopathogenesis
  - 1.8.2. Diagnostic
  - 1.8.3. Prognosis
- 1.9. Primary Amyloidosis. Treatment
  - 1.9.1. AutoTPH role
  - 1.9.2. Alkylators and proteasome inhibitors
  - 1.9.3. Role of antiCD38 antibodies
- 1.10. Treatment goals in MM/AL
  - 1.10.1. Methodological limitations in the literature
  - 1.10.2. Validation of survival surrogate variables

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*Apply now to run all your skills automatically in the bone marrow cancer medical field”*

05

# 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.







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*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 we use the Case Method

What should a professional do in a given situation? 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. Specialists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning 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, trying to recreate the real conditions in the physician's professional practice.

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*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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.



## 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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*Professionals will learn through real cases and by resolving 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 highly 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.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and 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 the videos as many times as you like.



#### 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 on the usefulness of learning by observing experts. The system known as 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.



# 06 Certificate

The Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.







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

This **Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Multiple Myeloma and Primary Amyloidosis**

Official N° of Hours: **150 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.

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



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