

# Postgraduate Certificate

## Aging and Cosmetic Assessment in Dermo-aesthetic Pharmacy





## Postgraduate Certificate

### Aging and Cosmetic Assessment in Dermo-Aesthetic Pharmacy

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

Website: [www.techtute.com/us/pharmacy/postgraduate-certificate/aging-cosmetic-assessment-dermo-aesthetic-pharmacy](http://www.techtute.com/us/pharmacy/postgraduate-certificate/aging-cosmetic-assessment-dermo-aesthetic-pharmacy)

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# 01

# Introduction

In the field of cosmetic assessment, aging is a factor of growing concern in people, as consultations related to it have been increasing over the years. It is therefore important that the pharmacist has an updated knowledge, since the developments in topical treatments, loss of volume, flaccidity and wrinkle management are a differential factor to contribute to the patient's wellbeing. This Postgraduate Certificate covers precisely the most important advances in these matters, expanding them with topics dedicated to cosmetic assessment and theories of maximum validity in aging, oxidative stress or telomeric shortening. All this in a flexible comfortable and accessible program for any specialist.





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*Delves into the most modern knowledge on the theories of aging, delving into the genes associated with longevity”*

The aging process is one of the most active areas of research in aesthetic medicine, with many new discoveries and treatments emerging in recent years. Pharmacists who have advanced knowledge in addressing the main consequences of aging have an essential competitive advantage in the field of Dermo-aesthetic Pharmacy.

Therefore, this program compiles all the scientific postulates and the most advanced techniques in Cosmetic Assessment and Aging. In this way, the pharmacist will delve deeper and modernize his or her knowledge on issues such as the scales for assessing aging or the ligament, muscle and skin changes that aging produces in people.

In addition, the pharmacist will be provided with a large amount of supplementary material for each topic covered. The real clinical cases, provided by a teaching team of experts in Aesthetic Medicine, give a necessary and direct contextualization to incorporate the knowledge into daily practice immediately.

The format of the degree is completely online, which means that there are no fixed schedules or face-to-face classes. All the Syllabus is available from day one, and can be downloaded from any device with an internet connection. This allows a unique flexibility to combine academic, work and personal facets.

This **Postgraduate Certificate in Aging and Cosmetic Assessment in Dermo-aesthetic Pharmacy** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ Practical cases presented by experts in Aesthetic Medicine
- ♦ 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 the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions for experts and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Study the most updated approach for the management of dynamic wrinkles, volume loss and dyschromia and texture alterations"*

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*Join the largest online academic institution in the world, with a technical and teaching staff committed to updating your knowledge in Dermo-aesthetic Pharmacy”*

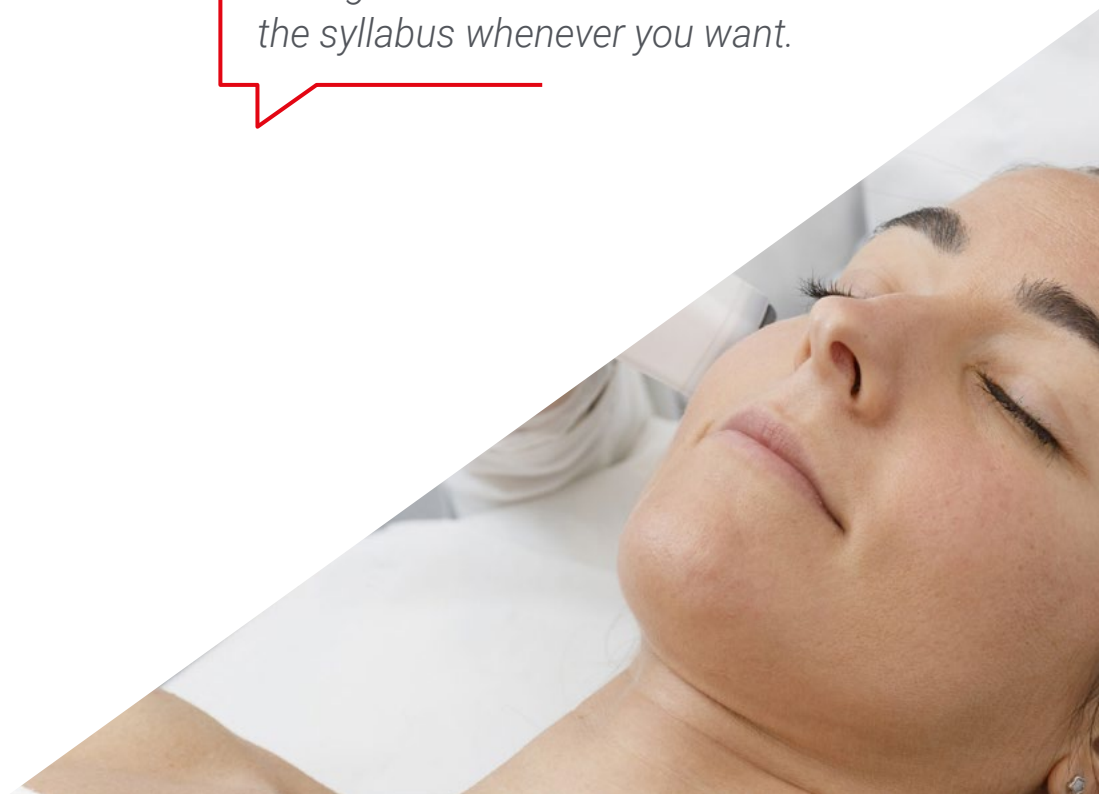
The program's teaching staff includes professionals from sector who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

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. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

*You will have the opportunity to expand on all the topics provided through multiple detailed videos and real case studies.*

*Choose where, when and how to take on the entire course load, having total freedom to download the syllabus whenever you want.*



# 02

# Objectives

The aim of this Postgraduate Certificate could not be other than to delve into the causes of aging, taking into account the most modern studies in skin anatomy and cosmetic assessment. In this way, the professional pharmacist will be acquiring a much more current knowledge about the different dynamics of patient aging and how to address the different pathologies or ailments that may occur.







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*Achieve your professional updating objectives in a fast and efficient way, supported by the best academic pedagogical methodology”*



## General Objectives

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- ◆ Know the cosmetic assessment process in the dermo-aesthetic pharmacy
- ◆ Delve into the factors that influence aging
- ◆ Treat the different changes at the ligament, muscle and skin level
- ◆ Study the genes associated with longevity



*Exceed your highest expectations thanks to the thoroughness and completeness with which each topic has been crafted"*





## Specific Objectives

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- ◆ Understand the structural and skeletal changes that the skin undergoes during the aging process
- ◆ Know how to work with injuries caused by aging
- ◆ In-depth study of the different theories on aging
- ◆ Skin Parameters: Moisturisation, Elasticity, Colour, Oil Production, Desquamation
- ◆ Have the tools to perform a good visual and cosmetic diagnosis and assessment
- ◆ Know the different approaches for facial and body flaccidity and volume loss

03

# Structure and Content

The teaching team in charge of this Postgraduate Certificate has developed all the topics of the course based on TECH's distinctive teaching methodology, relearning. This means that the most important concepts on aging and cosmetic assessment are reiterated in a progressive and natural way throughout the degree, resulting in a much more effective updating work for the pharmacist himself.



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*You will be able to explore a content library with a multitude of videos, both in detail and summaries of each section"*

## Module 1. Aging and Cosmetic Assessment in Dermo-Aesthetic Pharmacy

- 1.1. Anatomical changes: ageing
- 1.2. Ageing: a dynamic process
- 1.3. Lesions Associated to Aging
- 1.4. Changes in facial structures: bony and soft tissue
- 1.5. Changes to the ligaments, muscles and skin
  - 1.5.1. Teorías de envejecimiento
  - 1.5.2. Molecular theory and oxidative stress
  - 1.5.3. Theories on Intrinsic aging
  - 1.5.4. Theories on Extrinsic aging
  - 1.5.5. Telomere shortening. Genes associated with longevity and ageing
- 1.6. Evaluation of ageing in esthetic medicine
  - 1.6.1. scales to evaluate ageing
  - 1.6.2. Clinical Visual Scale
  - 1.6.3. Diagnostic imaging methods
  - 1.6.4. Skin Parameters: Moisturisation, Elasticity, Colour, Oil Production, Desquamation
- 1.7. Topical treatments (general)
  - 1.7.1. Global assessment of treatment tools
- 1.8. Managing Loss of Volume. Problems and solutions
- 1.9. Managing Flaccidity and Loss of Volume. Surgical and Non-Surgical Problems and Solutions
- 1.10. Managing dyschromia and texture. Problems and solutions
- 1.11. Managing dynamic wrinkles





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*The virtual classroom is 100% available, as it will be open 24 hours a day”*

04

# 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.







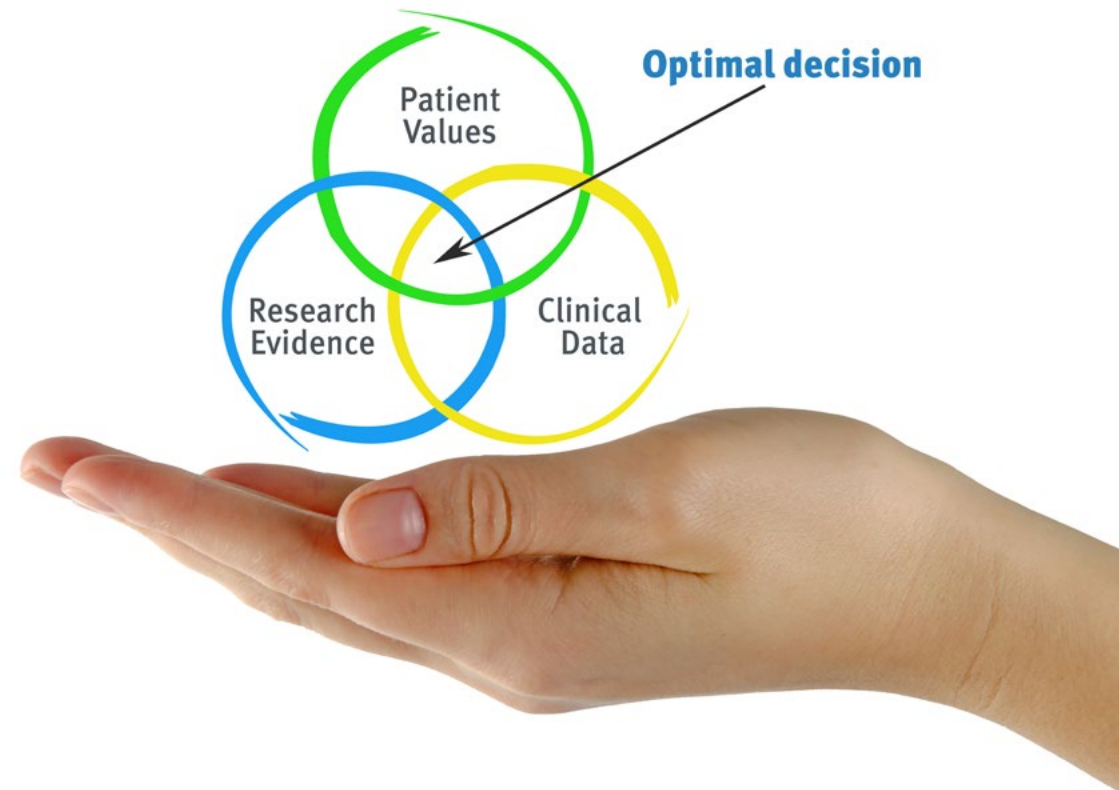
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization”*

## At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly 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, attempting to recreate the actual conditions in a pharmacist'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. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their 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.

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.

*Pharmacists will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*



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

With this methodology, more than 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years.

*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 created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.



### Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

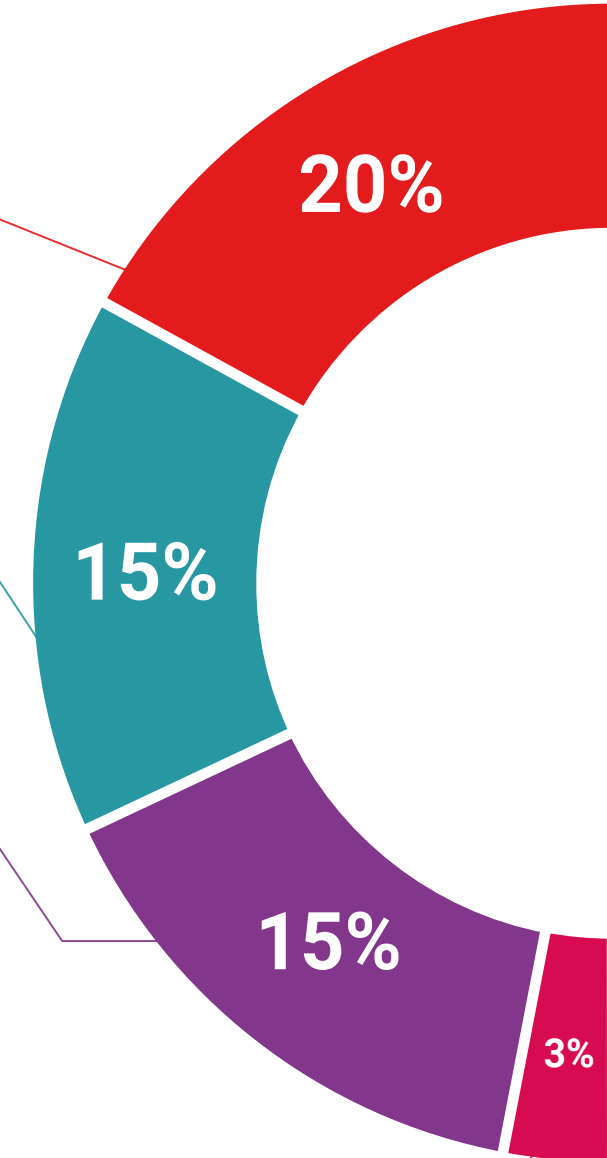
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

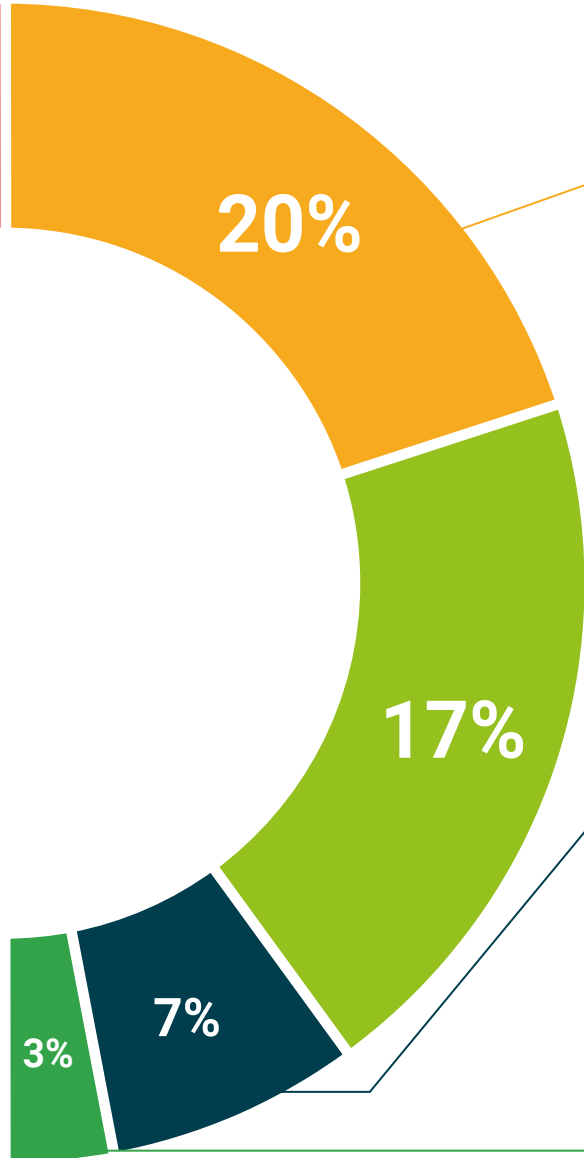
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



### 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, 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 & 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.



05

# Certificate

The Postgraduate Certificate in Aging and Cosmetic Assessment in Dermo-aesthetic Pharmacy 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 program will allow you to obtain your **Postgraduate Certificate in Aging and Cosmetic Assessment in Dermo-aesthetic Pharmacy** 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.

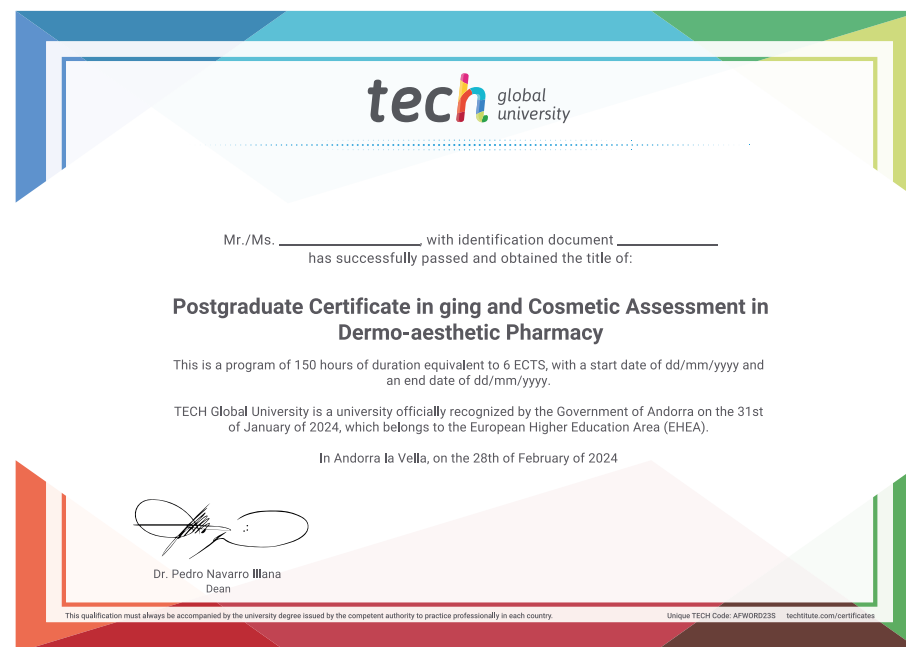
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Aging and Cosmetic Assessment in Dermo-aesthetic Pharmacy**

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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