

Postgraduate Certificate

Aesthetic Medicine in Pharmacy: Skin Pathologies





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Aesthetic Medicine in Pharmacy: Skin Pathologies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 12 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/pharmacy/postgraduate-certificate/aesthetic-medicine-pharmacy-skin-pathologies

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Structure and Content

p. 12

04

Methodology

p. 16

05

Certificate

p. 24

01

Introduction

When talking about Aesthetic Medicine in the pharmaceutical environment, different skin pathologies are always highlighted, as they are the main concern of many of the people who come to the pharmacy. Ailments such as dermatitis, skin lesions or even chronic wounds pose a challenge when it comes to approaching them from a pharmacological perspective. For this reason, this program brings together 2 complete teaching modules in which, in addition to updating the main skin pathologies, the most recent advances and developments in sun photoprotection or corrective dermocosmetics are also reviewed. An excellent opportunity to get up to date in a comfortable, accessible and exhaustive way.





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You'll get up to date on the most pressing skin pathologies, including toxicoderma, dermatitis, alopecia, acne, sensitive skin, pigmentation disorders and more"

As the skin is one of the most important organs in Aesthetic Medicine, it is to be expected that most of the advances and developments in this area revolve around it. New discoveries in nutraceuticals, sun photo-protection and specific treatments for each pathology offer a series of tools of great value to the pharmacist, who must be familiar with them and update his knowledge on a regular basis in order to incorporate them into his daily practice.

For this reason, TECH has brought together a team of professional experts in Aesthetic Medicine to prepare the contents of this program. Their practical vision is a decisive advantage when it comes to contextualizing the theory, which allows for a much more efficient and rapid update for the pharmacy specialist.

In addition, taking into account how difficult it is to combine a degree of these characteristics with the usual professional and personal life, a completely online format has been established. This means that there are no on-site classes or fixed schedules, giving the pharmacist total freedom to take on the course load according to his or her own pace and interests.

This **Postgraduate Certificate in Aesthetic Medicine in Pharmacy: Pathologies Skin** 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 self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions for experts and individual reflection work
- ♦ Availability to access content from any fixed or portable device with internet connection



You will be able to download the entire syllabus from day one, giving you the flexibility you need to combine academic, professional and personal aspects"



You will have access to high quality support and reinforcement material, made up of a multitude of audiovisual resources and complementary readings"

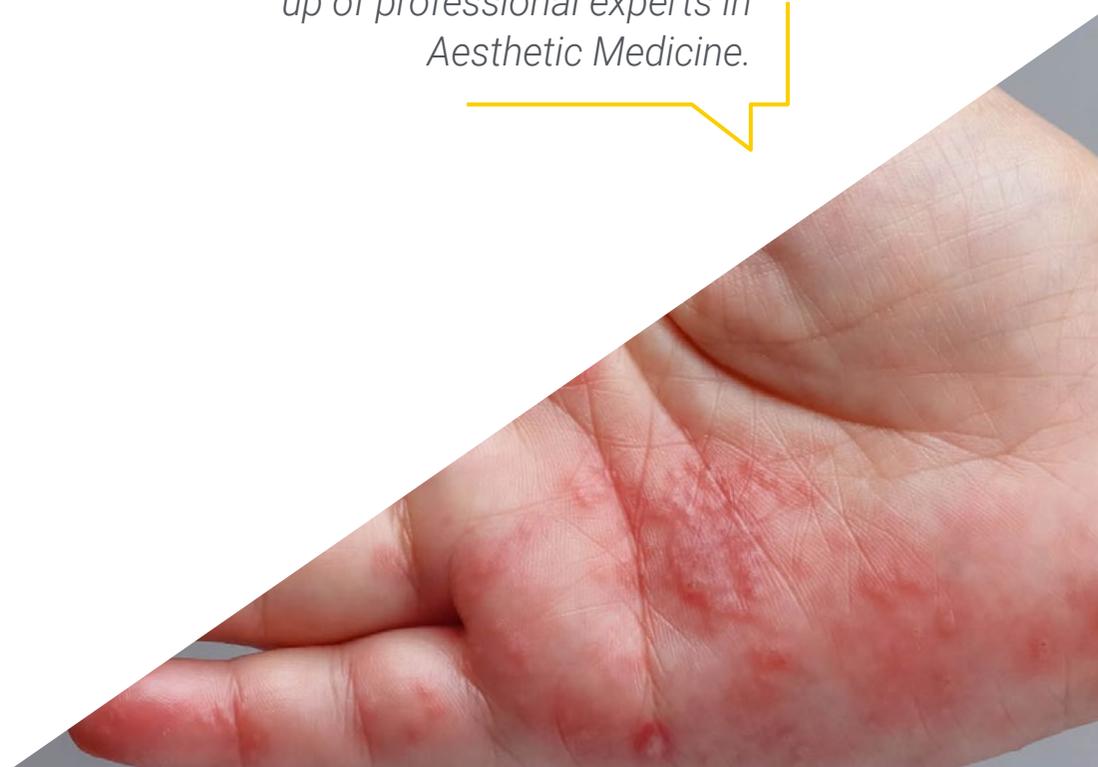
The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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

Choose where, when and how. At TECH you don't have the pressure of classroom classes and schedules to which you have to adapt.

You will have the guarantee of security and confidence of the entire teaching staff, made up of professional experts in Aesthetic Medicine.



02

Objectives

As the skin is such an important element in any pharmacy consultation service, it is logical that the objective of this degree is to provide the most advanced knowledge and tools to address the most common skin pathologies. In addition, thanks to its developed methodology, the contents can be applied in daily practice even before the end of the degree, providing a continuous and effective update.





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You will be able to delve into all the content provided even in the order of your own choosing”



General Objectives

- ♦ Analyze the anatomy and importance of anti-parasitics in Aesthetics medicine
- ♦ Delve into the Embryology of Skin
- ♦ Study the most frequent dermatological pathologies
- ♦ Understand the protocols of action in cases of dermatological pathologies



You will have the full assistance support of TECH staff, 100% committed to your professional update"





Specific Objectives

- ♦ Know the anatomical structures of the skin
- ♦ Explore other areas related to the skin: hair, nails, sebaceous and sweat glands, etc.
- ♦ Analyze the different functions of the skin
- ♦ Know which are the different skin cares according to the patient's stage of life
- ♦ In-depth knowledge of the effects of solar radiation on the skin and the different means of photo-protection
- ♦ Learn the different types of Skin
- ♦ Understanding the basics of facial hygiene
- ♦ Know the different moisturizing techniques for the skin
- ♦ Update knowledge on the different pathologies that can be consulted in the Community Pharmacy, analyzing the different existing therapeutic approaches, both for their treatment and prevention
- ♦ Develop a proposal of action protocols for each pathology described
- ♦ Define what is known as sensitive or reactive skin
- ♦ Analyze the different types of acne, and which ones we can address from the community pharmacy
- ♦ Delve into the study of alopecia, the differential characteristics between men and women and its evolution
- ♦ Approach the study of xerosis from a dermatological point of view, analyzing which diseases or treatments most commonly produce it, and what symptoms they present
- ♦ Differentiate existing treatments for hyperhidrosis
- ♦ Analyze the different types of dermatitis, their characteristics and their particular casuistry
- ♦ Define the different pigmentation transients, their treatment and possible preventive measures
- ♦ Analyze rosacea and its different stages, in order to facilitate its recognition and make a correct indication
- ♦ Delve into the study of psoriasis, addressing all its types and stages, the different existing treatments and preventive measures
- ♦ Address other pathologies with pruritus such as urticaria and angioedema
- ♦ Differentiate between the different existing treatments for scalp desquamative conditions
- ♦ Define less frequent pathologies such as toxicoderma or hydrosadenitis
- ♦ Analyze the different types of skin lesions that can be encountered and how they can be approached by the community pharmacy
- ♦ Study the different types of pathogens that can cause skin infections or infestations
- ♦ List the various dermatological pathologies caused by pathogenic agents
- ♦ Address the different pathologies that may appear in the oral cavity
- ♦ Update the different treatments used in nail and phanera conditions

03

Structure and Content

TECH uses the Relearning pedagogical methodology to alleviate the teaching load of Study it pharmacist to. This means that most important concepts are reiterated throughout the syllabus, resulting in a much more natural and progressive didactic effort. Likewise, the pharmacy professional can delve into the multitude of complementary material provided, delving deeper into those areas of greatest interest.





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You will have at your disposal a repertoire of videos in detail, summaries, self-knowledge exercises and real case studies with which you will be able to progress much more effectively in this Postgraduate Certificate”

Module 1. Skin

- 1.1. Skin Anatomy and Structure of the Skin
- 1.2. Skin Appendages
 - 1.2.1. Hair
 - 1.2.2. Nails
 - 1.2.3. Sebaceous Glands
 - 1.2.4. Sweat Glands
- 1.3. Functions of the Skin
 - 1.3.1. Protection
 - 1.3.2. Metabolism
 - 1.3.3. Temperature Regulation
 - 1.3.4. Sensory
 - 1.3.5. Excretory
 - 1.3.6. Energy Reserve
- 1.4. Care of the Skin at Different Stages of Life: Neonatal, Pediatrics, Adolescent, Adult, Geriatric, Pregnancy
 - 1.4.1. Neonatal
 - 1.4.2. Pediatric
 - 1.4.3. Adolescent
 - 1.4.4. Adult
 - 1.4.5. Geriatric
 - 1.4.6. Pregnancy
- 1.5. Sun Protection Solar Radiation, Types of Sunscreens, Sun Protection Factors
 - 1.5.1. Solar Radiation
 - 1.5.2. Types of Solar Filters
 - 1.5.3. Sun Protection Factors
 - 1.5.4. Sun Protection in Dermatological Pathologies, Sun Protection in Different Stages
 - 1.5.5. Photosensitizing Drugs
- 1.6. Corrective Dermocosmetics for Dermatological Conditions
- 1.7. Nutraceuticals
- 1.8. Photosensitizing Drugs
- 1.9. Corrective Dermocosmetics for Dermatological Conditions
- 1.10. Embryology of the Skin
 - 1.10.1. Skin Development
 - 1.10.2. Hair Development
 - 1.10.3. Nail Development
 - 1.10.4. Skin Gland Development
- 1.11. Skin Types
 - 1.11.1. Density
 - 1.11.2. Skin Emulsion
 - 1.11.3. Skin Phototype
 - 1.11.4. Status
- 1.12. Skin Hygiene
 - 1.12.1. Types of Face and Body Hygiene Treatment
 - 1.12.2. Skin Cleansing
 - 1.12.3. Superficial Cleansing of the Face and Body
 - 1.12.4. Deep Skin Cleansing
 - 1.12.5. Specific Techniques for Deep Skin Cleansing
 - 1.12.6. Facial Cleansing Treatment Steps
 - 1.12.7. Body Cleansing Treatment Steps
 - 1.12.8. Tools and Materials Used in Hygiene Treatments
- 1.13. Skin Hydration
 - 1.13.1. Manual Techniques
 - 1.13.2. Materials and Technical Methods
 - 1.13.3. Specific Cosmetics
 - 1.13.4. Equipment

Module 2. Most Common Dermatological Pathologies: Drugs and Medical Devices used in Prevention and Treatment. Action Protocols and Referrals to a Physician

- 2.1. Sensitive and Reactive Skin
- 2.2. Acne
- 2.3. Alopecia
- 2.4. Ichthyosis
- 2.5. Xerosis.
- 2.6. Hyperhidrosis
- 2.7. Seborrheic Dermatitis.
- 2.8. Atopic Dermatitis
- 2.9. Contact Dermatitis
- 2.10. Pigmentation Disorders
 - 2.10.1. Hyperpigmentation
 - 2.10.2. Hypopigmentation
- 2.11. Rosacea
- 2.12. Psoriasis
- 2.13. Pruritus
- 2.14. Urticaria and Angioedema
- 2.15. Scalp Desquamative Conditions
- 2.16. Toxicodermia
- 2.17. Hidradenitis
- 2.18. Skin Lesions
 - 2.18.1. Injuries
 - 2.18.2. Burns
 - 2.18.3. Stings
 - 2.18.4. Hyperkeratosis
- 2.19. Scars
- 2.20. Chronic Wounds
 - 2.20.1. Pressure Ulcers
 - 2.20.2. Ostomies
- 2.21. Skin Infections and Infestations caused by Pathogenic Agents
 - 2.21.1. Bacteria
 - 2.21.2. Virus
 - 2.21.3. Fungi
 - 2.21.4. Parasites
- 2.22. Sexually Transmitted Diseases
- 2.23. Oral Mucosa Infections
 - 2.23.1. Gingivitis
 - 2.23.2. Aphtha
 - 2.23.3. Fungi
- 2.24. Nail and Adnexal Affections



The didactic material provided will be useful even after completing the degree, as it is a great reference library for all kinds of doubts about skin pathologies"

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.



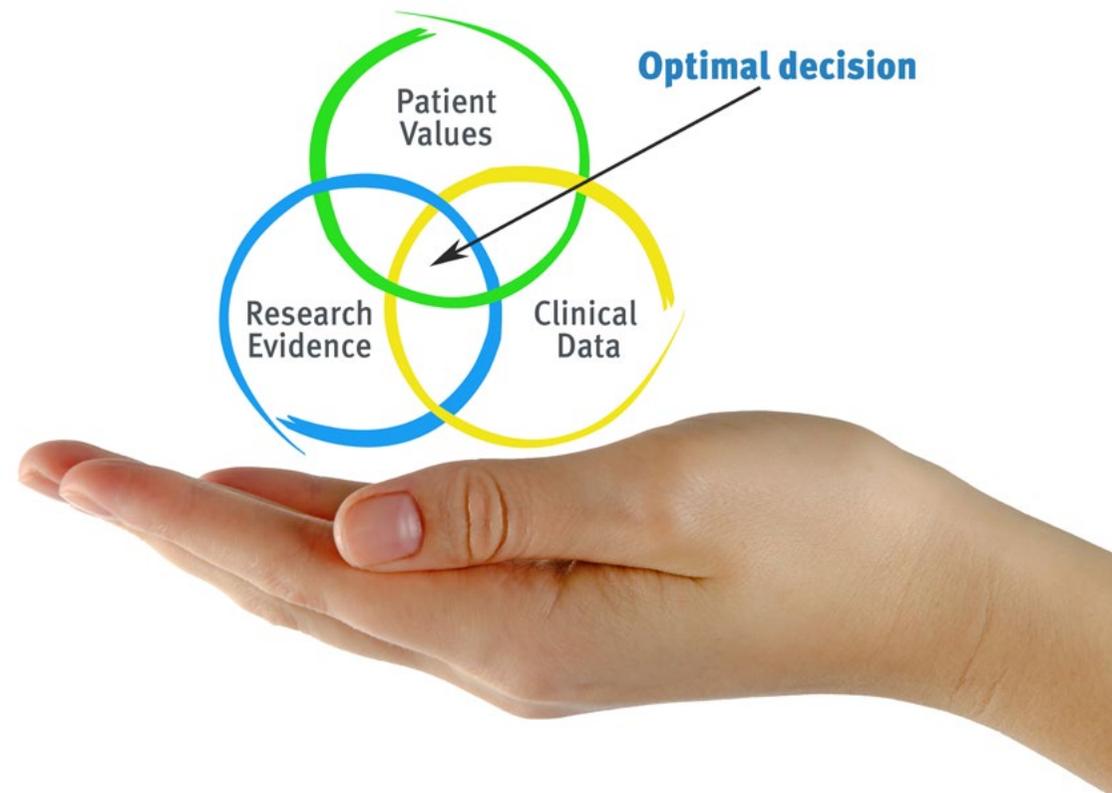


Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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

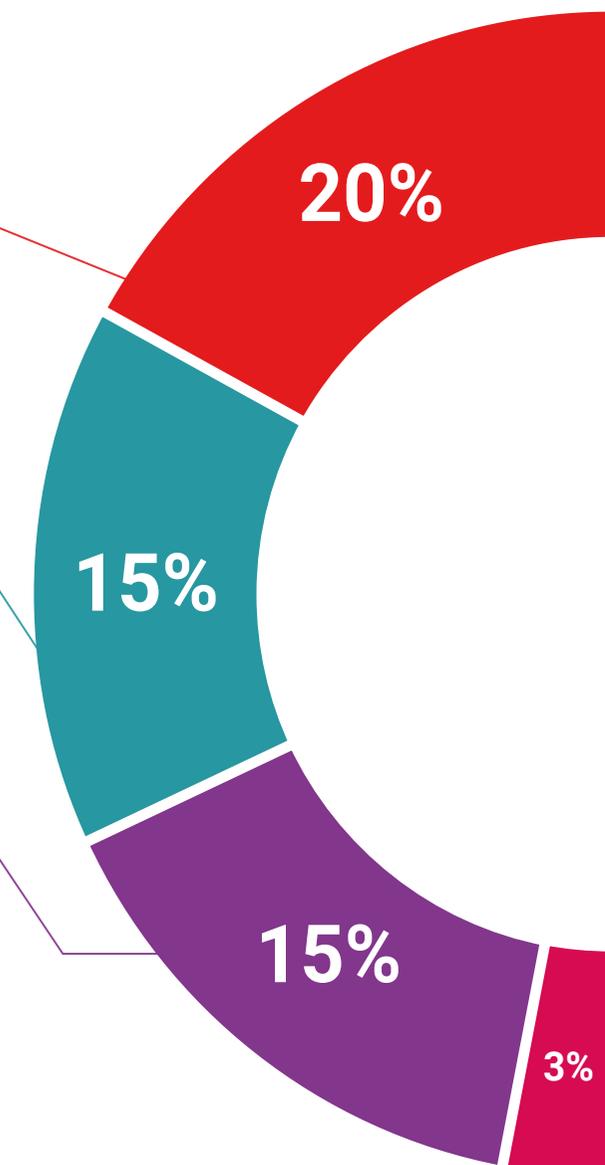
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

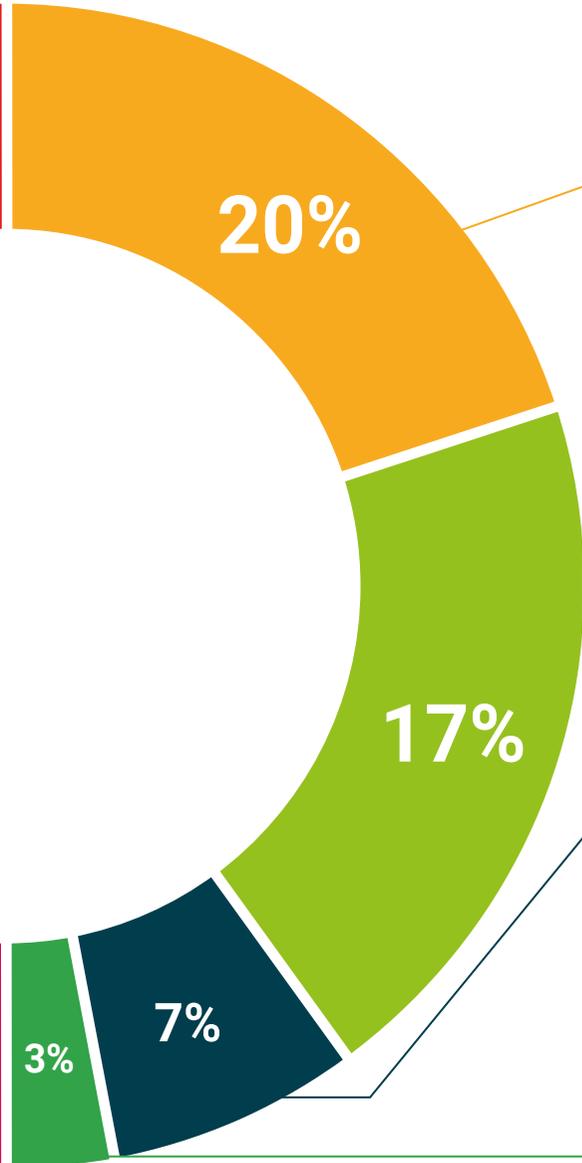
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



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

This Postgraduate Certificate in Aesthetic Medicine in Pharmacy: Skin Pathologies guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Global University.



The image features two black graduation caps (mortarboards) against a bright blue sky with scattered white clouds. One cap is in the foreground on the left, and another is slightly behind it to the right. The background is split diagonally by a white and green geometric shape. The white shape contains a quote, and the green shape is in the top right corner.

“

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 Aesthetic Medicine in Pharmacy: Skin Pathologies** 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 Aesthetic Medicine in Pharmacy: Skin Pathologies**

Modality: **online**

Duration: **6 weeks**

Accreditation: **12 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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