

# Postgraduate Certificate

## Cutaneous Alterations of Interest in Cosmetics





## Postgraduate Certificate Cutaneous Alterations of Interest in Cosmetics

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

Website: [www.techtute.com/us/medicine/postgraduate-certificate/cutaneous-alterations-interest-cosmetics](http://www.techtute.com/us/medicine/postgraduate-certificate/cutaneous-alterations-interest-cosmetics)

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# 01

# Presentation

There are different skin alterations that are produced by various causes, among which are the exposure to ultraviolet rays, pollution, the intake of wrongly administered drugs and hormonal changes. To solve these problems, the dermatological professional can use scientifically proven and effective cosmetics, since in many cases of alterations, it is these products that have provided the necessary solution or support. That is why TECH has developed this program, TECH has developed this program in order to provide the medical professional with updated theoretical and practical information for their future treatments. It is taught in a 100% online format, without cumbersome procedures or journeys to face-to-face places, which means total freedom for the doctor, who will be able to combine their work or professional responsibilities with the study of this program.



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*With this course, the medical professional will be able to update his knowledge in order to provide solutions to the different skin alterations”*

Faced with the imminent emergence of new skin alterations produced by various causes, dermatologists have had to turn to the world of cosmetics, as these products have provided significant solutions in the different ailments, often eliminating the root cause of the condition. This is why medical professionals have to update their knowledge in favor of medicine, as this will allow them to provide more effective solutions to processes that have been changing over time.

It is for this reason that TECH has designed this Postgraduate Certificate in Cutaneous Alterations of Interest in Cosmetics. It is a program full of information about the advances in dermatology and their solution through cosmetic products, so the professional will be able to identify through informative readings, audiovisual materials and practical exercises the benefit of cosmetics for the different skin alterations.

This 100% online program is an opportunity for medical professionals to update their knowledge, all from an innovative academic system, with downloadable material and without the need to attend classes in person. On the other hand, the professional will be able to access the virtual campus as many times as they want to consult the content of the program and will only need a mobile device with an internet connection.

This **Postgraduate Certificate in Cutaneous Alterations of Interest in Cosmetics** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ The development of case studies by experts in Cutaneous Alterations in Cosmetics
- ♦ 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
- ♦ 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



*A program full of relevant information that will help you keep up to date with the latest updates in cosmetics for skin disorders"*

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*If you want to know which the alterations that most affect the skin are, in this course, you will update your knowledge and give an effective solution to the skin problems that your patients present"*

*A program full of relevant information, based on the most advanced theory and practice, to provide solutions to skin alterations.*

*You will be able to consult all the content of the program at the times you want and from the place you want.*

The program includes, in its teaching staff, professionals from the sector who bring to this program the experience of their work, in addition to recognized specialists from prestigious reference societies and 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.



# 02 Objectives

The main objective of TECH for this Postgraduate Certificate is to provide the medical professional with all the updates that have been useful for the solution of skin alterations, allowing him/her to identify the most effective products from the cosmetic point of view. Another purpose of this program is for the physician to put into practice the latest updates and demonstrate in his treatments the effectiveness of cosmetics, since they have recently surpassed traditional medicines.







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*In this program, you will find the most updated information of the last few years regarding Cutaneous Alterations of Interest in Cosmetics”*



## General Objectives

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- Identify skin alterations affecting keratinization, sebaceous secretion, vascularization and pigmentation.
- Identify the alterations caused by aging
- Identifying hair and scalp disorders
- Identify the alterations of the oral cavity

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*TECH's priority is to provide you with all the information that the experts of this certificate have for you"*





## Specific Objectives

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- ◆ Identify alterations in keratinization.
- ◆ Determine sebaceous secretion alterations
- ◆ Determine pigmentation disorders
- ◆ Specify cutaneous aging process alterations
- ◆ Introduce hair and scalp alterations
- ◆ Determine oral cavity dysfunctions and problems

03

# Course Management

For this program in particular, TECH has selected a highly qualified teaching staff with more than 10 years of experience in the sector. They are still active teachers who will seek to provide answers to the concerns of medical professionals from their careers. In this way, skin alterations will be reduced through new techniques provided by experts in the field.





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*This Postgraduate Certificate will be taught by highly qualified professionals from the medical sector, which will allow you to answer your questions and concerns for the development of dermatological treatments”*

## Management



### Dr. Mourelle Mosqueira, María Lourdes

- ◆ Expert researcher in Cosmetic Science
- ◆ Technical Director at Balcare
- ◆ Researcher of the FA2 group of the Applied Physics Department of the University of Vigo
- ◆ Author of publications on Cosmetic Science
- ◆ Lecturer in undergraduate and graduate programs related to Cosmetic Science
- ◆ President of the Iberoamerican Society of Thalassotherapy
- ◆ Secretary of the Galician Society of Thermal Peloids
- ◆ PhD in Applied Physics, University of Vigo
- ◆ Degree in Pharmacy, University of Santiago de Compostela
- ◆ Postgraduate Certificate in Nutrition and Dietetics, University of Granada



## Professors

### Dr. Vérez Cotelo, Natalia

- ◆ Pharmacist
- ◆ Municipal Pharmaceutical Inspector, advice de Sanidad, Xunta de Galicia
- ◆ Primary Care Pharmacist
- ◆ Assistant pharmacist.
- ◆ Researcher specializing in Pharmaceutical Care and Pharmacotherapeutic Follow-up
- ◆ Author of several articles published in specialized magazines. Author of Multiple articles published in Specialised journals
- ◆ Teacher in university studies of Pharmacy
- ◆ PhD in Psychology, UNED.
- ◆ Degree in Pharmacy, University of Santiago de Compostela

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*Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice”*

# 04

# Structure and Content

The content of this program was designed using the Relearning method in order to ensure maximum efficiency in the development of the program to ensure maximum efficiency in the development of the program. The topics to be studied in depth were specifically selected to provide a solution and fully comply with the proposed objectives. This is a high-quality Postgraduate Certificate that seeks to reveal the secrets of skin alterations in the cosmetics sector.







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*The topics in this program were selected specifically for you, since a medical professional like you must have the most relevant information of the last few years”*

## Module 1. Skin Alterations in Cosmetics

- 1.1. Keratinization Disorders
  - 1.1.1. Diffuse and Regional Hyperkeratosis
  - 1.1.2. Squamous Keratoses
  - 1.1.3. Preepitheliomatous Keratoses
  - 1.1.4. Warts
  - 1.1.5. Circumscribed Keratosis
  - 1.1.6. Dermatitis and Eczemas
- 1.2. Sebaceous Secretion Alterations
  - 1.2.1. Seborrhea
  - 1.2.2. Acne
    - 1.2.2.1. Types of Lesions
    - 1.2.2.2. Mechanism in Acne Production
    - 1.2.2.3. Factors that Aggravate Acne
    - 1.2.2.4. Types of Acne
- 1.3. Microvascularization Alterations
  - 1.3.1. Eritemas
  - 1.3.2. Telangiectasias
  - 1.3.3. Rosacea and Couperose
  - 1.3.4. Varicose Veins and Microvaricose Veins
  - 1.3.5. Angiomas
- 1.4. Pigmentary Alterations
  - 1.4.1. Hyperchromias
    - 1.4.1.1. Melasma
    - 1.4.1.2. Lentigos
    - 1.4.1.3. Nevi or Moles
    - 1.4.1.4. Ephelides
    - 1.4.1.5. Senile Pigmentations
    - 1.4.1.6. Hyperchromia due to Photosensitization



- 1.4.2. Achromias
- 1.4.3. Hypochromias
  - 1.4.3.1. Vitiligo
  - 1.4.3.2. Eczematides
  - 1.4.3.3. Hypomelanosis Guttata
- 1.5. Skin aging
  - 1.5.1. General Visible Changes
  - 1.5.2. Histological Changes
  - 1.5.3. Causes of Skin Aging
  - 1.5.4. Photoaging
  - 1.5.5. Skin Phototypes
- 1.6. Body Alterations in Connective and Subcutaneous Tissues
  - 1.6.1. Overweight and Obesity
  - 1.6.2. Stretch Marks
  - 1.6.3. Flaccidity
  - 1.6.4. Elastosis
- 1.7. Body Alterations related to Microvascularization
  - 1.7.1. Cellulite
    - 1.7.1.1. Production Mechanisms
    - 1.7.1.2. Features
    - 1.7.1.3. Evolution
    - 1.7.1.4. Types of Cellulite
    - 1.7.1.5. Diagnosis
    - 1.7.1.6. Factors that Trigger the Disease
  - 1.7.2. Heavy Legs
- 1.8. Hair Quantity Alterations
  - 1.8.1. Hypotrichosis
  - 1.8.2. Hypertrichosis
  - 1.8.3. Hirsutism

- 1.9. Scalp and Hair Alterations
  - 1.9.1. Scalp Alterations
    - 1.9.1.1. Seborrhea
    - 1.9.1.2. Dehydration
    - 1.9.1.3. Pityriasis
  - 1.9.2. Hair Alterations
    - 1.9.2.1. Structural Hair Alterations
    - 1.9.2.2. Chromatic Hair Alterations
  - 1.9.3. Alopecia
- 1.10. Oral Cavity Dysfunctions and Problems
  - 1.10.1. Cavities
  - 1.10.2. Gingivitis and Periodontitis
  - 1.10.3. Xerostomia
  - 1.10.4. Oral and Dental Hygiene



*TECH adapts to your needs: thanks to the quantity and quality of the additional material, you will be able to decide the extent to which you will update your knowledge over the course of this program"*

# 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 Cutaneous Alterations of Interest in Cosmetics 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 Cutaneous Alterations of Interest in Cosmetics** 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 Cutaneous Alterations of Interest in Cosmetics**

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.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

online training

development language

virtual classroom

**tech** global  
university

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