# Postgraduate Certificate
## Quality Control and Effectiveness of Cosmetic Products

**tech** technological university

## Postgraduate Certificate
### Quality Control and Effectiveness of Cosmetic Products

» Modality: **online**

» Duration: **6 weeks**

» Certificate: **TECH Technological University**

» Dedication: **16h/week**

» Schedule: **at your own pace**

» Exams: **online**

Website: **www.techtitute.com/pk/medicine/postgraduate-certificate/quality-control-effectiveness-cosmetic-products**

# Index

# 01

# Introduction

The wide field of medicine, in addition to having highly trained professionals, surgical instruments and constant updates, must have highly effective, quality and safe medication. When it comes to the cosmetic sector, the controls to which the products are subjected are exhaustive, requiring specialists who master the processes. For this reason, this program seeks to provide medical professionals with information on regulatory changes and new updates based on the manufacturing process of cosmetic products, in order to update their knowledge. The development of this program will be carried out in a 100% online format, guided by experts and with easy access for the physician to the virtual campus, which will allow them to adapt the development of the program and their tasks to their schedule.

*This Postgraduate Certificate brings you the most recent developments in the cosmetic sector, allowing you to better understand the components and effectiveness of such cosmetics when in use"*

For the use of a medical product, the medical professional should be aware of the standards of production and regulation of the product within a country. However, from the scientific point of view, something more important is the quality and viability of the drug in question In this way, it is sought that the cosmetic product is effective and, at the same time, complies with the quality required for the development of the treatment.

Therefore, the medical professional must update their knowledge and incorporate it into their practice when identifying and categorizing cosmetic products. Therefore, you will be able to identify the different characteristics and qualities of each cosmetic, knowing its functionality, properties and conditions of use, in order to prescribe the best product for each case.

It is a multidisciplinary and immersive program that will help the medical professional to delve into the latest updates in the field of production and quality control of the products, in order to categorically establish the effectiveness of each product the effectiveness of each one of them for their subsequent use in dermatological or skin-related conditions.

This Postgraduate Certificate is characterized by providing the professional with the best online content, in a 100% digital mode. This includes access to the virtual campus and the possibility of downloading all the content of the program for free review, on the other hand, the student will not have pre-established schedules, but will be able to access the program whenever they wish, from any mobile device with internet connection.

This **Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products** contains the most complete and up-to-date scientific program in the market Its most notable features are:

» Practical cases presented by experts in Cosmetic Science and Technology

» 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

*You will have at your fingertips a 100% online program that will show you the new updates in the cosmetic sector for the quality control and efficacy of cosmetic products"*

*"Would you like to update your knowledge for the proper treatment of cosmetics in dermatological practice? Take this program and get access to first-rate teaching material on the subject"*

*You will be able to identify the components and compatibility studies that make a cosmetic product an effective tool in medical treatments.*

*This Postgraduate Certificate will help you master the quality standards and effectiveness of a cosmetic product in medical treatments.*

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 desire to be part of the group of the best medical professionals requires constantly updated information, and this maxim applies to the main cosmetic products TECH, in its commitment to the medical sector, offers this program with the main objective that graduates are instructed on new medical updates in the dermatological sector. Identifying from different postulates and research and researches the quality and efficacy controls that are required for the production of a cosmetic.

*TECH's main objective for the medical field is to provide up-to-date information for you to analyze and apply in your medical processes and treatments"*

## General Objectives

» Develop a global vision of the manufacturing process of a cosmetic product, from the initial idea to its launching on the market

» Analyze the processes that take place from the reception of raw materials to their final distribution, as well as the implementation of good manufacturing practices, quality control and validation of the processes, and the different water purification treatments as the main raw material used in the formulation of cosmetics

» To examine the raw materials used for the development of new cosmetic products

» Establishing the different ways of formulating cosmetic products

## Specific Objectives

» Examine Quality Controls

» Analyze the importance of GMP in product traceability

» Perform CPNP discharge processes

» Perform Safety Assessment

» Determine the Studies for Safety Assessment

» Identify Studies for Efficacy Justification

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*If your objectives include learning in detail about the latest scientific evidence related to the implementation of skin compatibility studies, this program is perfect for you"*

# Course Management

Among TECH's priorities when designing its qualifications is the following the creation of a qualified teaching faculty that provides quality and demand for the development of the program. For this reason, a group of experts in the medical sector has been selected for this Postgraduate Certificate to provide guidance from their knowledge to the health professional. In addition, the teaching staff is composed of specialists in active practice, which allows the physician to be aware of the different situations that may arise.

*TECH offers you the best program in Quality Control and Effectiveness of Cosmetic Products in order to update your information to treat dermatological diseases"*

## 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

» Certificate in Nutrition and Dietetics, University of Granada

## Professors

**Ms. Aguado Ruiz, Belén**

» Cosmetic Safety Advisor at ABAR Cosmetics

» Technical R&D Manager at Larrosa Laboratorios

» Quality Department Director at Gaher Química

» Cosmetic Safety Supervisor at LAB&CLIN ALLIANCE

» Expert Cosmetics Technician at Bellssan Healthcare

» International Master's Degree in Toxicology, Official College of Chemists of Seville

» Degree in Chemistry from the University of Alcalá de Henares

04
# Structure and Content

This Postgraduate Certificate has been designed by TECH and its teaching staff taking into account the latest updates in the medical sector in the field of cosmetic products. The development of this program was also designed for the medical professional to inquire about new medical anomalies that arise in the field of skin conditions. Likewise, with the information provided and 100% updated in this program, it will be possible to identify the correct quality control to be carried out in the production of cosmetic.

*A program that you can download to any mobile device and review it whenever you want"*

## Module 1. Quality Control, Efficacy and Safety in Cosmetics

1.1. Quality Controls
- 1.1.1. Stability-Compatibility
- 1.1.2. Preservative Effectiveness
- 1.1.3. Process Control

1.2. Article 19 Cosmetics Regulation Based on Study Results
- 1.2.1. ISO Definitions for Products Susceptible of Microbiological Risk
- 1.2.2. Shelf Life and ODP Calculation
- 1.2.3. Labeling Analysis

1.3. Good Manufacturing Practices
- 1.3.1. Standard Operating Procedures: Manufacturing and Packaging
- 1.3.2. Third Party Contracts
- 1.3.3. Hygiene and Personnel Training

1.4. Traceability
- 1.4.1. Standard Operating Procedures: Off-Spec Products
- 1.4.2. Cosmetovigilance
- 1.4.3. Product Recalls

1.5. European Portal Registration Procedures
- 1.5.1. Registering the Person in Charge
- 1.5.2. Cosmetic Product Registration
- 1.5.3. Framework Formula

1.6. Cosmetic Product Safety Report
- 1.6.1. Regulation 1223/2009: Annex I
- 1.6.2. Product Dossier
- 1.6.3. Safety Assessment: Toxicological Profile

1.7. Skin Compatibility Studies
- 1.7.1. Skin, Ocular and Mucosal Compatibility Studies
- 1.7.2. Labeling Claims
- 1.7.3. SPF Studies

*The time has come to make a key decision for your future. Are you going to take the leap with a program that is committed to you and your profession?"*

# 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 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.*



01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.
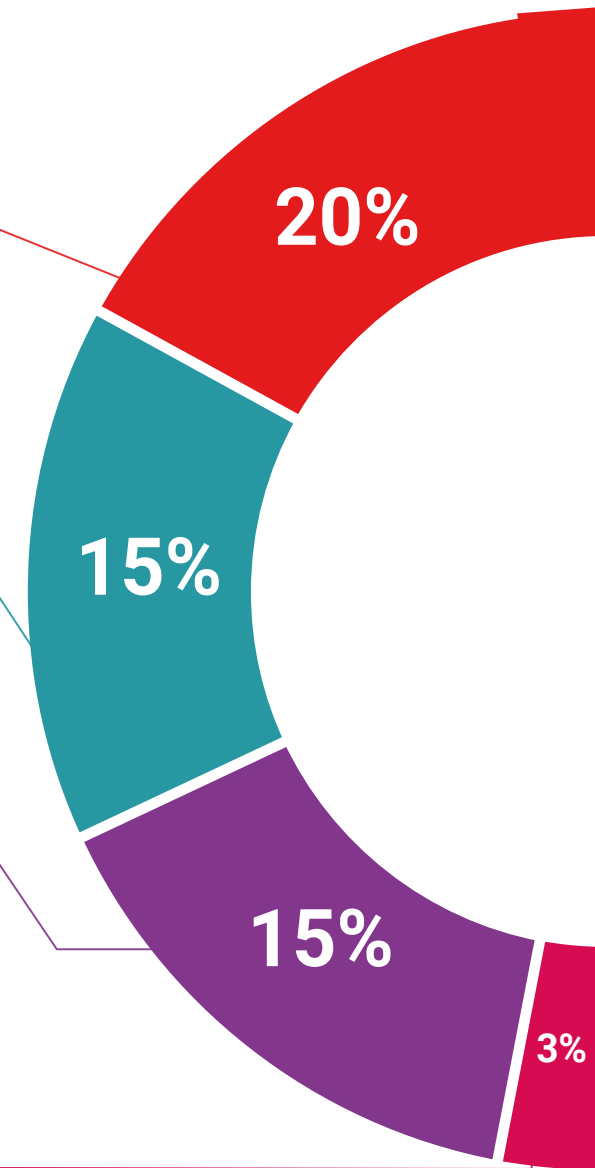
### Interactive Summaries

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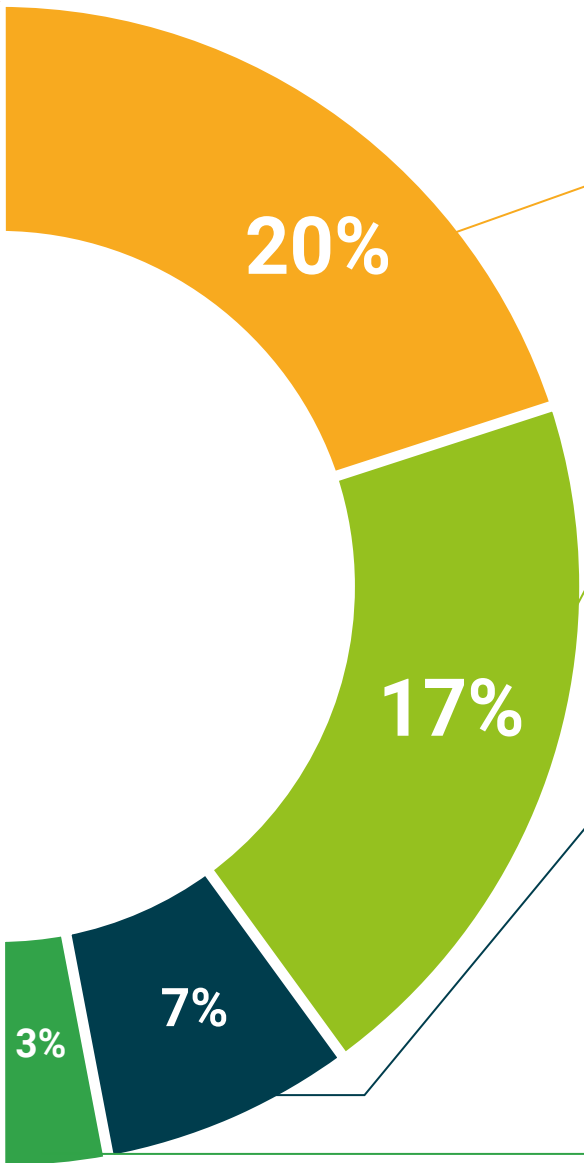
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

### 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.

**20%**

**15%**

**15%**

**3%**

**20%**

**17%**

**7%**

**3%**

### 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 Quality Control and Effectiveness of Cosmetic Products guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

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

This **Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products** 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 certificate 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 Quality Control and Effectiveness of Cosmetic Products**
Official Nº of hours: **150 h.**

tech technological university

Awards the following
**CERTIFICATE**
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

**POSTGRADUATE CERTIFICATE**
in
Quality Control and Effectiveness of Cosmetic Products

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.
Unique TECH Code: AFWORD23S    techtitute.com/certificates

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

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