

# Postgraduate Certificate Botulinum Toxin in Dermatology and Aesthetics





## Postgraduate Certificate Botulinum Toxin in Dermatology and Aesthetics

Course Modality: Online

Duration: 2 months.

Endorsed by: TECH Technological University

6 ECTS Credits

Teaching Hours: 150 hours.

Website: [www.techtitute.com/pk/medicine/postgraduate-certificate/botulinum-toxin-dermatology-aesthetics](http://www.techtitute.com/pk/medicine/postgraduate-certificate/botulinum-toxin-dermatology-aesthetics)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 18*

05

Methodology

---

*p. 22*

06

Certificate

---

*p. 30*

01

# Introduction

Botulinum Toxin is used to reduce skin wrinkles and prevent the appearance of them. This is one of the most widely used tools for those who wish to prevent their skin from ageing.





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*A comprehensive program that will help you to keep up to date with the latest developments in the application of Botulinum Toxin in Dermatology and Aesthetics”*



The type of dynamic or static wrinkle is one of the most important factors to consider when indicating one procedure or another. Dynamic wrinkles are caused by muscle action and are treated with botulinum toxin.

This program will allow the professional to be up to date on the types of Botulinum Toxin authorized, the precise knowledge of the mechanisms of action of each one and the detailed indications in each anatomical area. All of this with up-to-date data.

On the other hand, the therapeutic application of the factors involved in biological processes is one of the pillars of regenerative medicine. There are many publications demonstrating tissue regeneration by growth factors. Its study and possible indications, the procedure to obtain it will be very useful due to the extension of its use in recent years, so it is also one of the main parts to be studied in this training.

The Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics is a training program designed to provide physicians with the necessary knowledge to implement the specialization in their professional life. It brings an added balance to working life and opens a door to a growing demand for healthcare.

This **Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics** contains the most complete and up-to-date program on the market. The most important features of the program include:

- The development of case studies presented by experts in Botulinum Toxin in Dermatology and Aesthetics.
- The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice.
- The latest developments in Botulinum Toxin in Dermatology and Aesthetics
- Practical exercises where self-assessment can be used to improve learning.
- Special emphasis on innovative methodologies in Botulinum Toxin in Dermatology and Aesthetics.
- 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



*Expand your knowledge through this Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics that will allow you to specialize until you achieve excellence in this field"*

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*This course may be the best investment you can make in the selection of a refresher program for two reasons: Besides updating your knowledge in Botulinum Toxin in Dermatology and Aesthetics, you will obtain a certificate of Postgraduate Certificate by TECH Technological University”*

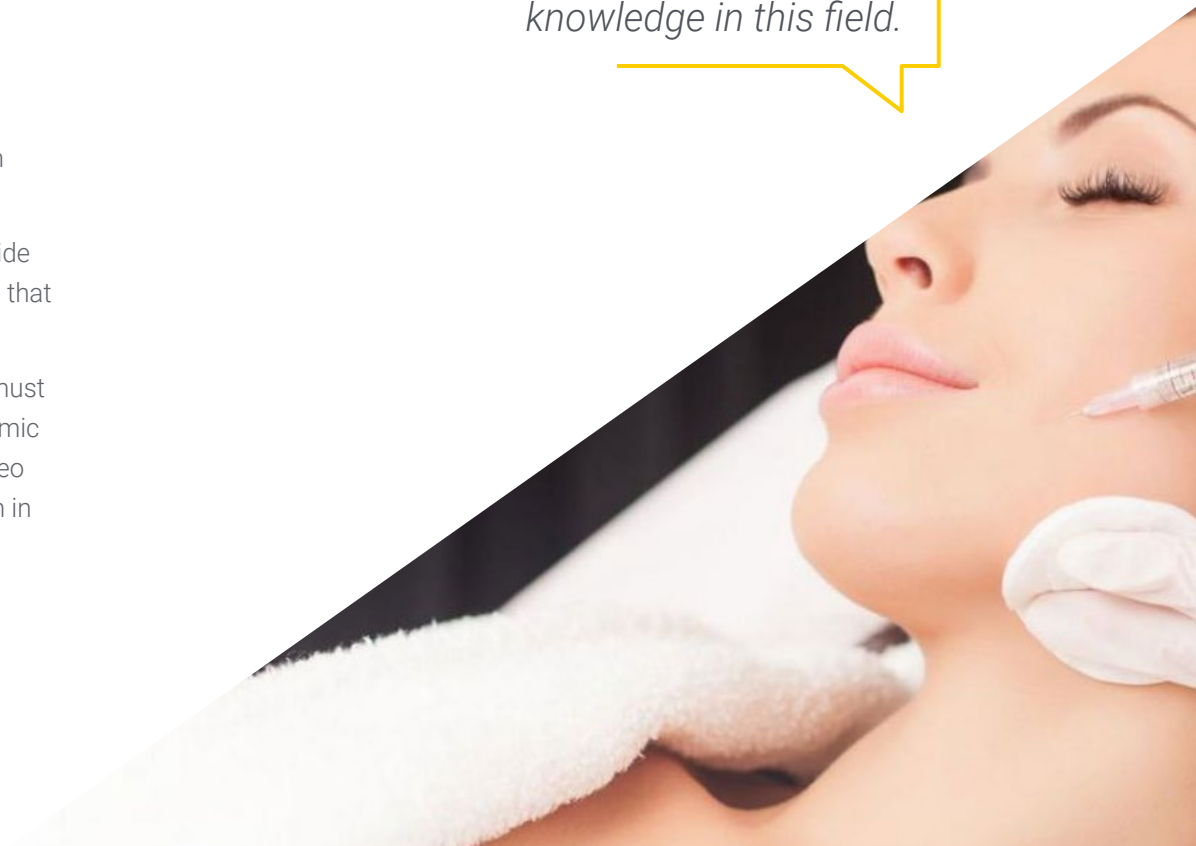
The teaching staff includes professionals from the field of Aesthetic Medicine, who bring their experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

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 training programmed to train in real situations.

This program is designed around Problem Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professor will be assisted by an innovative interactive video system created by renowned and experienced experts in the use of Botulinum Toxin in Dermatology and Aesthetics.

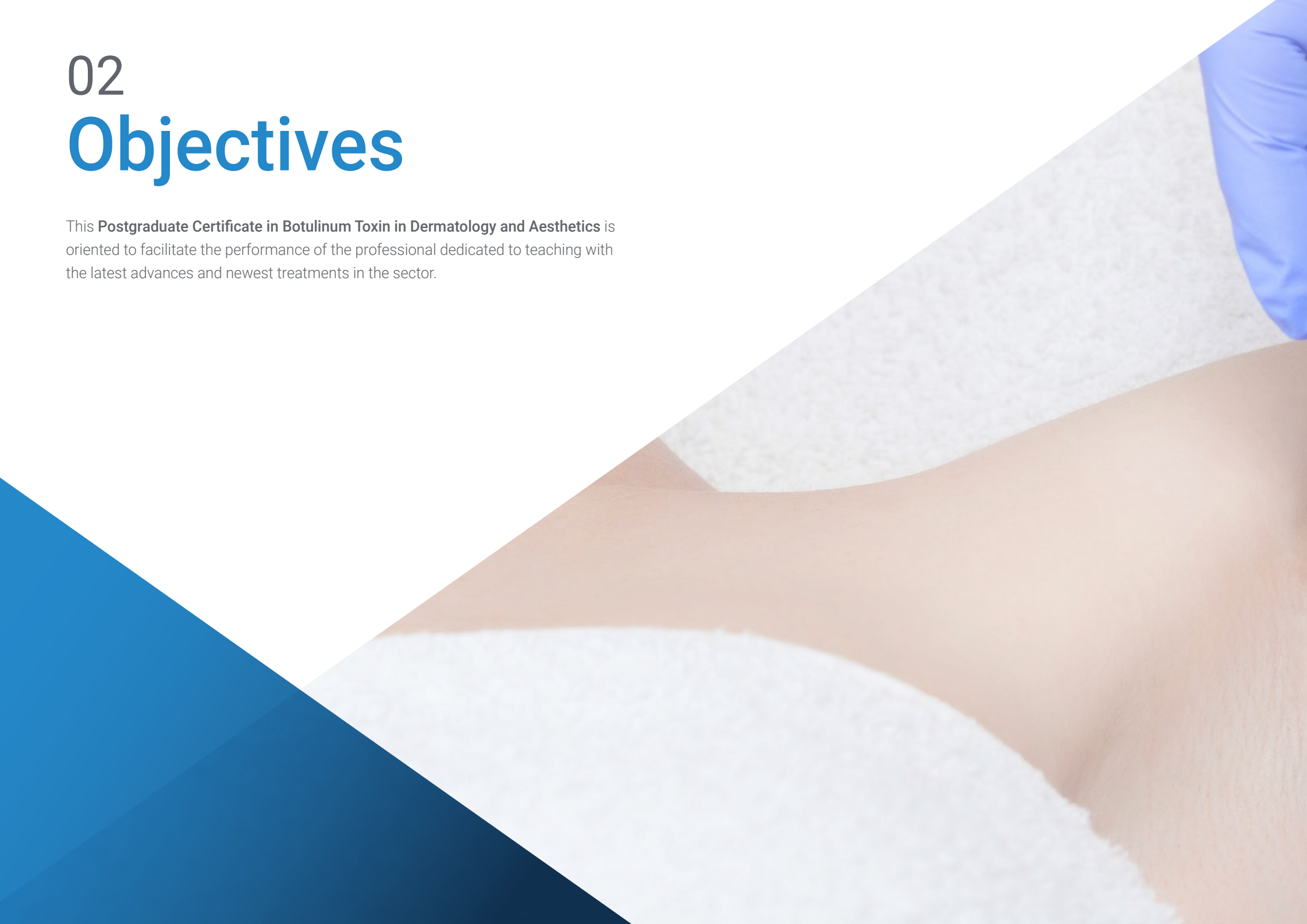
*Do not hesitate to take this training with us. You will find the best teaching material with virtual lessons.*

*This 100% online course will allow you to combine your studies with your professional work while increasing your knowledge in this field.*

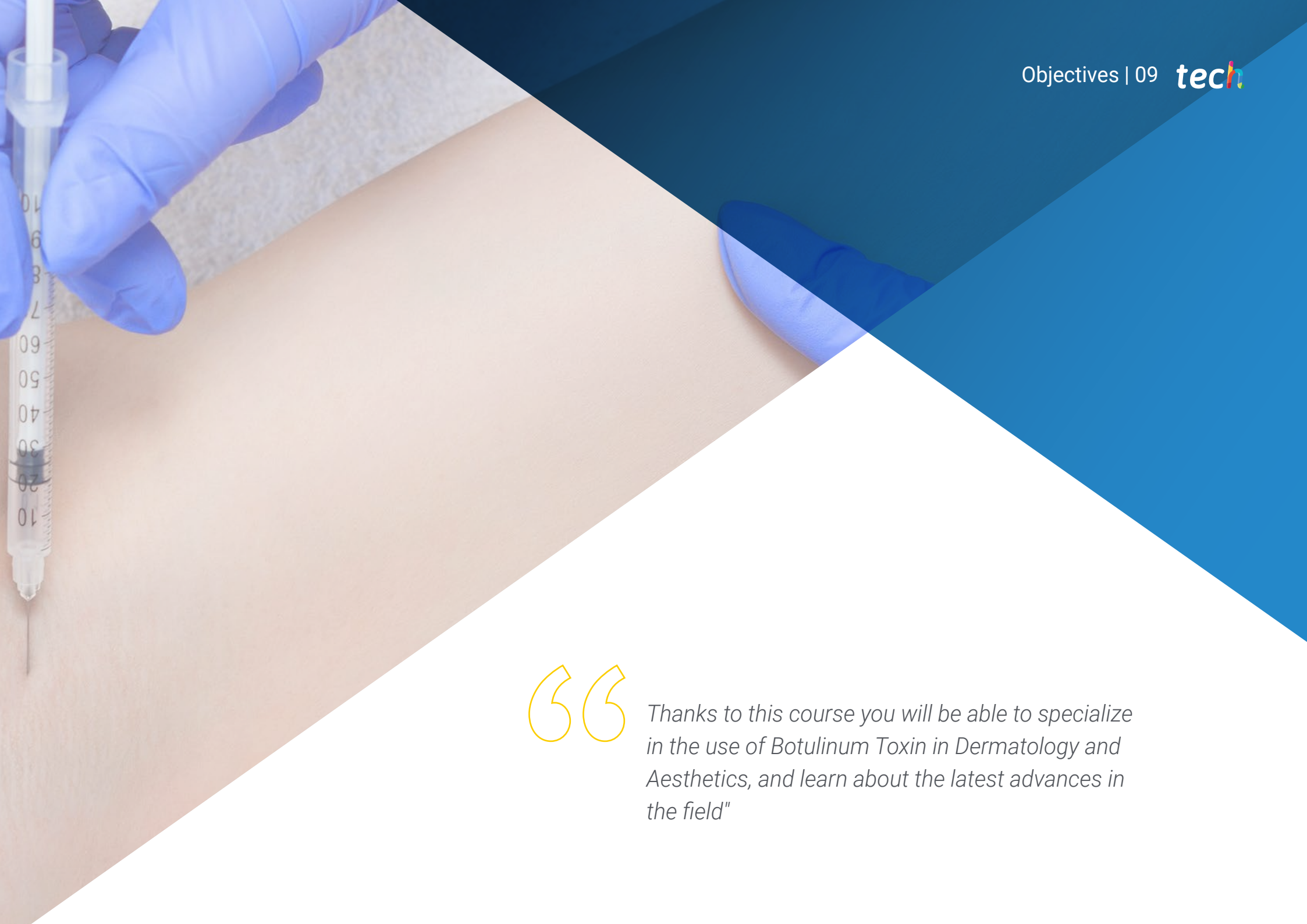


# 02 Objectives

This **Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics** is oriented to facilitate the performance of the professional dedicated to teaching with the latest advances and newest treatments in the sector.







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*Thanks to this course you will be able to specialize in the use of Botulinum Toxin in Dermatology and Aesthetics, and learn about the latest advances in the field"*



## General Objectives

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- ♦ Impart knowledge of all anti-aging modalities and esthetic treatments, incorporating the necessary tools to carry out this specialty in their daily practice.
- ♦ Learn how to control, delay and prevent the existing aging process today.



*An opportunity created for professionals who are looking for an intensive and effective Postgraduate Certificate, with which to take a significant step in the exercise of their profession”*





## Specific Objectives

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- Get up to date on the types of authorized botulinum toxin, the precise knowledge of the action mechanisms of each one and the detailed instructions for each anatomical area.
- Know the therapeutic application of the factors that intervene in biological processes.
- Know the therapeutic application of the factors that intervene in biological processes.



03

# Course Management

The program includes in its teaching staff reference experts in Aesthetic Medicine, who pour into this training the experience of their work. Additionally, other recognized experts participate in its design and preparation, completing the program in an interdisciplinary manner.



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*The leading experts in Aesthetic Medicine  
have joined forces to share with you all their  
knowledge in this field"*



## Management



### **Dr. Mosquera González, Margarita**

- Medical Director of the Comprehensive Aesthetic Medicine area. C&M Clinic. Rivas. Madrid
- Specialist Physician in the Preventive Medicine Unit of the Alcorcón Foundation University Hospital
- Specialist in Aesthetic and Anti-Aging Medicine



### **Dr. Lacosta Esclapez, Pilar**

- ♦ Head of the Department of Aesthetic Medicine of the Lipedema Unit - Virgen de la Paloma Viamed Hospita
- ♦ Head of the Department of Aesthetic Oncological Medicine at the Plastic Surgery Clinic of Dr. Granado Tiogonce
- ♦ Responsible for the Unit of Quality of Life of the Oncology Patient
- ♦ Aesthetic Physician at Nuestra Señora de La Paloma Hospital
- ♦ Aesthetic Physician at Pilar Lacosta Clinic
- ♦ Medical Director of the Sergesa Center for Dependency
- ♦ Director of Aesthetic Oncology Medicine Unit in the clinic of Dr. Granado in Pozuelo de Alarcón
- ♦ Medical Director of Dr. Pilar Lacosta Clinic in Boadilla del Monte
- ♦ Some societies to which she belongs, Member of the Board of Directors of the group of experts in aesthetic medicine in oncology patients (GEMEON), SEMNO (Spanish Society of Nutrition and Orthomolecular Medicine), SEME (Spanish Society of Aesthetic Oncological Medicine)

## Professors

### Dr. De Toledo Heras, María

- ♦ Neurology Specialist. Department of Neurology at La Princesa University Hospital
- ♦ Neurology Specialist. Doce de Octubre University Hospital
- ♦ Specialty in cognitive disorders and dementias
- ♦ Doctorate in Neurosciences

### Dr. Chicón García, Jesús

- ♦ Medical Director of Chez Jolie Clinic
- ♦ Medical Director of JEISAMED Clinics
- ♦ Medical Director Salutae
- ♦ Master's Degree in aesthetic medicine and hospital nutrition
- ♦ European expert in quality management. Spanish Quality Agency
- ♦ European expert in research, development and innovation. Spanish Quality Agency

### Dr. Alonso García, Marcos

- ♦ Public Health Technician, Government of the Community of Madrid
- ♦ Specialist in the Preventive Medicine Unit of the Fundación Alcorcón University Hospital

### Dr. Roces Menéndez, Ana

- ♦ Medical Director of Merz Pharma for Spain and Portugal
- ♦ Medical Director of the aesthetic medicine clinic Merz Center of Excellence.
- ♦ Specialist in Aesthetic, Cosmetic and Anti-Aging Medicine
- ♦ Master's Degree in Pharmaceutical Marketing

### Dr. Sans Durán, Cristina

- ♦ Degree in Medicine and Surgery
- ♦ Emergency Physician at Summa 112
- ♦ Aesthetic and Cosmetic Doctor
- ♦ PhD on Nutrition and Obesity





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*Our teaching team will provide you with all their knowledge so that you are up to date with the most up-to-date information on the subject”*



04

# Structure and Content

The structure of the content has been designed by the best professionals in the Aesthetic Medicine sector, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied, and diagnosed, and with extensive knowledge of new technologies applied to teaching.







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*This Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics contains the most complete and up-to-date scientific program on the market”*

**Module 1. Applications of Botulinum Toxin in Dermatology and Aesthetic. Regenerative Medicine for Aesthetic Purposes.**

- 1.1. Types of Botulinum Toxin
  - 1.1.1. What is Botulinum Toxin
  - 1.1.2. Characteristics and Types of Botulinum Toxin
  - 1.1.3. Mechanism of Action
- 1.2. Botulinum Toxins Authorized for Aesthetic Use
  - 1.2.1. Toxins Authorized for Aesthetic Use
  - 1.2.2. Trade Names of Botulinum Toxins
  - 1.2.3. Authorized Commercial Types of Botulinum Toxin in Spain
  - 1.2.4. Toxin Reconstitution. Conservation
  - 1.2.5. Injection Technique
  - 1.2.6. Post-Treatment Recommendations
- 1.3. Indications for Treatment of Expression Wrinkles
  - 1.3.1. General Principles
  - 1.3.2. Treatment Indications
  - 1.3.3. Indications for Treatment in the Upper Third: Forehead Wrinkles, Glabella, Periocular, Eyebrows, Suborbital Region, and Nose.
  - 1.3.4. Indications for Treatment of Vertical Wrinkles on the Upper Lip, Corners of the Mouth, Chin, and Neck
- 1.4. Treatment of the Upper Third. Anatomy of Facial Marks
  - 1.4.1. Frontal Muscles. Treatment of Horizontal Forehead Wrinkles
  - 1.4.2. Glabellar Muscles. Treatment of Frown Lines and Vertical Forehead Wrinkles
  - 1.4.3. Periorbital Region Muscles. Crow's Feet Treatment
  - 1.4.4. Eyebrow Muscles. Eyebrow Lifting. Lateral Brow Lift.
  - 1.4.5. Infraorbital and Nasal Muscles. Treatment of Lower Eyelid Wrinkles. Nasal Wrinkles
- 1.5. Treatment of the Middle and Lower Third. Neck. Anatomical Facial Marking.
  - 1.5.1. Perioral Muscles. Treatment of Vertical Upper Lip Wrinkles
  - 1.5.2. Perioral Muscles. Marionette Lines. Lifting of the Corner of the Mouth
  - 1.5.3. Chin Muscles. Treatment of Chin Wrinkles
  - 1.5.4. Masseter Muscles. Treatment of Masseter Hypertrophy. Bruxism
  - 1.5.5. Neck Muscles. Treatment of Platysma
- 1.6. Treatment of Hyperhidrosis with Botulinum Toxin
  - 1.6.1. Types of Hyperhidrosis: Axillary and Palmar
  - 1.6.2. Technique of Botulinum Toxin Infiltration in Hyperhidrosis
  - 1.6.3. Truncal Anesthesia in Palmar Hyperhidrosis
  - 1.6.4. Results and Duration
- 1.7. Complications from Botulinum Toxin Application
  - 1.7.1. General aspects
  - 1.7.2. Complications according to Injection Site.
  - 1.7.3. Clinical Safety Record
  - 1.7.4. Immunogenicity
- 1.8. Introduction to Regenerative Medicine
  - 1.8.1. Regenerative Medicine Concept
  - 1.8.2. Growth Factors
- 1.9. Applications of Regenerative Medicine in Dermatology and Aesthetics Other Medical Applications
  - 1.9.1. Application in Rejuvenation
  - 1.9.2. Other Conditions. Burns, Scars, Keloids and Stretch Marks
- 1.10. Practical Considerations and Injection Techniques
  - 1.10.1. Obtaining Growth Factors
  - 1.10.2. Skin Infiltration for Rejuvenation
  - 1.10.3. Other Aesthetic Applications



*This will provide key training to advance your career"*





05

# Methodology

This training program provides you with a different way of learning. Our methodology follows a cyclical learning process: ***Re-learning***.

This teaching system is used in the most prestigious medical schools in the world and has been considered one of the most effective by major publications such as the ***New England Journal of Medicine***.



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*Discover Re-learning, 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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you can experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, 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 potential 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 professional medical 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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on 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.



## Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

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.



*The physician 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Re-learning 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 (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.





In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### Interactive Summaries

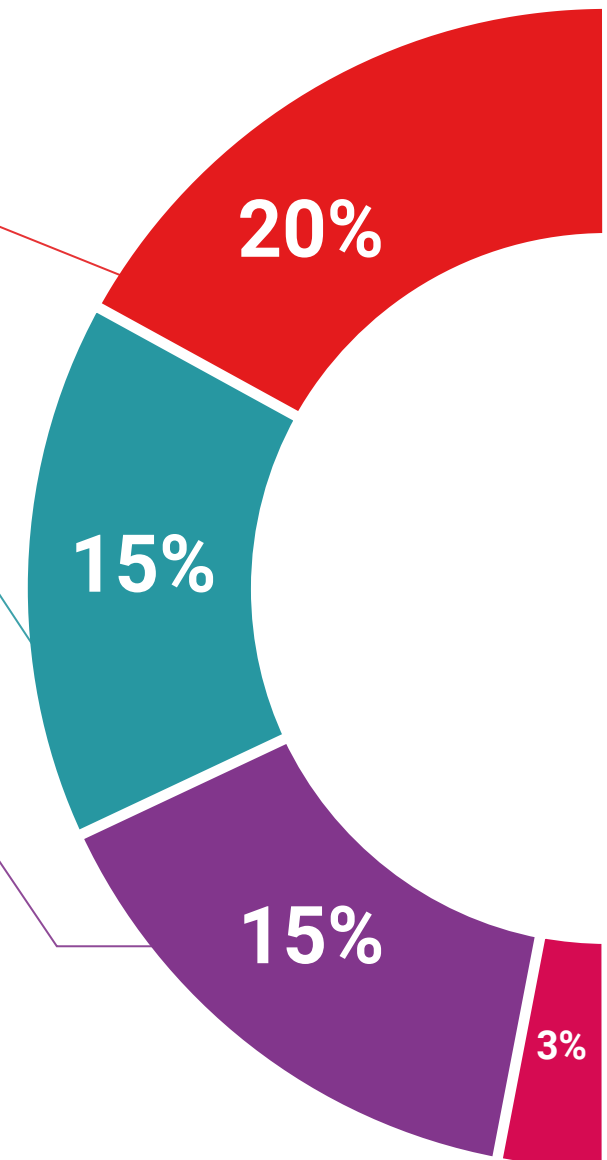
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



#### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





**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 & Re-testing**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



**Classes**

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our future difficult decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



# 06 Certificate

This Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate qualification issued by TECH Technological University.



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*Successfully complete this training and receive your certificate without the hassle of travel or paperwork”*



This **Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics** contains the most complete and up-to-date program scientific the market.

After the student has passed the evaluations, they will receive their corresponding Postgraduate Certificate qualification 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 from career evaluation committees.

Title: **Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics**

ECTS: **6**

No. of hours: **150**



\*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.

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



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Botulinum Toxin  
in Dermatology  
and Aesthetics

Course Modality: Online

Duration: 2 months.

Endorsed by: TECH Technological University

6 ECTS Credits

Teaching Hours: 150 hours.

# Postgraduate Certificate

## Botulinum Toxin in Dermatology and Aesthetics

