

# Postgraduate Certificate

## Botulinum Toxin in Dermatology and Aesthetics





## Postgraduate Certificate Botulinum Toxin in Dermatology and Aesthetics

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

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

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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 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 of the study of 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 scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Botulinum Toxin in Dermatology and Aesthetics
- ♦ 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
- ♦ The latest developments in Botulinum Toxin in Dermatology and Aesthetics
- ♦ Practical exercises where the self-assessment process can be carried out 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 work
- ♦ 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 program is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Botulinum Toxin in Dermatology and Aesthetics, you will obtain a qualification endorsed 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 education programmed to learn 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 throughout the program. 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 educational program with us. You will find the best teaching material with virtual lessons.*

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



# 02 Objectives

The 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 Postgraduate Certificate 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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- ♦ Gain knowledge of all anti-aging modalities and aesthetic treatments, incorporating the necessary tools to exercise this specialty in their daily practice
- ♦ Learn how to control, delay and prevent the aging that exists today



*An opportunity created for professionals who are looking for an intensive and effective program with which to take a significant step in their profession”*





## Specific Objectives

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- Learn how to use temporary filler materials
- Gain insight into the correction of volume defects associated with tissue atrophy caused by aging
- Be up to date on filler materials, their components and short- and long-term side effects, in order to create a comprehensive and risk-free rejuvenation protocol

03

# Course Management

The program includes in its teaching staff reference experts in Aesthetic Medicine, who bring to 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.”*

## Address



### Dr. Mosquera González, Margarita

- ♦ Medical Director of the Integral Aesthetic Medicine Department. C&M Clinic. Rivas. Madrid
- ♦ Specialist in the Preventive Medicine Unit at the Fundación Alcorcón University Hospital
- ♦ Specialist in Aesthetic and Antiaging Medicine.



### Dr. Lacosta Esclapez, Pilar

- ♦ Head of the Lipedema Unit Aesthetic Medicine Department Viamed Hospitals
- ♦ Head of the Department of Oncological Aesthetic Medicine at the Plastic Surgery Clinic of Dr. Granado Tiogonce.
- ♦ Head of 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 Dependence
- ♦ Director of the oncological aesthetic medicine unit at Dr. Granado's clinic in Pozuelo de Alarcón
- ♦ Medical Director of Dr. Pilar Lacosta en Boadilla del Monte
- ♦ Some societies to which she belongs, Member of the Board of Directors of the group of experts in aesthetic medicine in oncological patients (GEMEON), SEMNO (Spanish Society of Nutrition and Orthomolecular Medicine), SEME (Spanish Society of Aesthetic Oncological Medicine).



## Professors

### Dr. De Toledo Heras, María

- ◆ Specialist in Neurology. Neurology Department, La Princesa University Hospital
- ◆ Specialist in Neurology. Doce de Octubre University Hospital
- ◆ Specialty in cognitive disorders and dementias
- ◆ PhD in Neurosciences

### Dr. Chicón García, Jesús

- ◆ Medical Director Chez Jolie Clinic
- ◆ Medical Director 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 University Hospital Fundación Alcorcón.

### Dr. Rocés Menéndez, Ana

- ◆ Medical Director of Merz Pharma for Spain and Portugal.
- ◆ Medical Director of Merz Center of Excellence Aesthetic Medicine Clinic
- ◆ Specialist in Aesthetic, Cosmetic and Antiaging Medicine
- ◆ Master in Pharmaceutical Marketing

### Dr. Sans Durán, Cristina

- ◆ Degree in Medicine and Surgery
- ◆ Emergency Physician in the 112 Emergency Department
- ◆ Aesthetic and Cosmetic Physician
- ◆ PhD on Nutrition and Obesity

04

# Structure and Content

The structure of the content has been designed by leading professionals in the Botulinum Toxin in Dermatology and Aesthetics 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 Aesthetics.  
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. Trade Names of Botulinum Toxins Type A
  - 1.2.2. Toxins Authorized for Aesthetic Use
  - 1.2.3. Toxins Authorized for Other Conditions. Botulinum Toxin Type B
  - 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. Indications for Treatment on Forehead Wrinkles
  - 1.3.2. Indications for Treatment on Glabellar Lines
  - 1.3.3. Indications for Treatment on Periocular Wrinkles
  - 1.3.4. Indications for the Treatment of Eyebrows
  - 1.3.5. Indications for Treatment of the Suborbital Region and Nose
  - 1.3.6. Indications Treatment of Vertical Upper Lip Wrinkles
  - 1.3.7. Indications for Treatment of the Corners of the Mouth
  - 1.3.8. Indications for Treatment of the Chin
  - 1.3.9. Indications for Treatment of the 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. Anatomy of Facial Marks
  - 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
- 1.8. 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 education  
to advance your career"*

05

# Methodology

This 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 sustainable 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 assess 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

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*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 prepared with unprecedented success in all clinical specialties regardless of surgical load. Our educational 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 adapted in 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

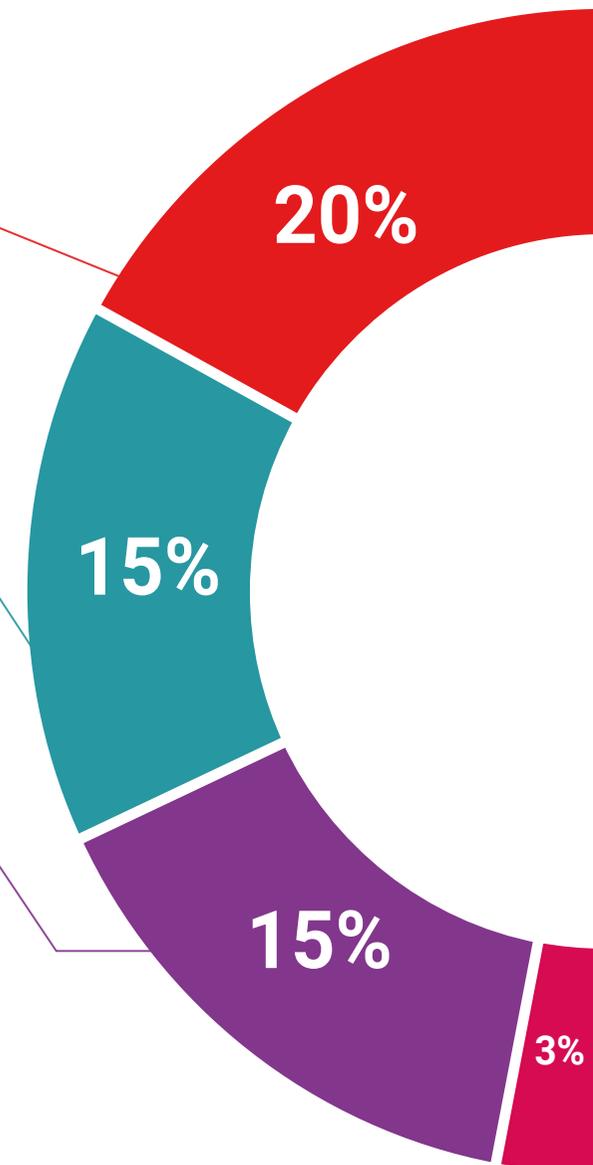
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

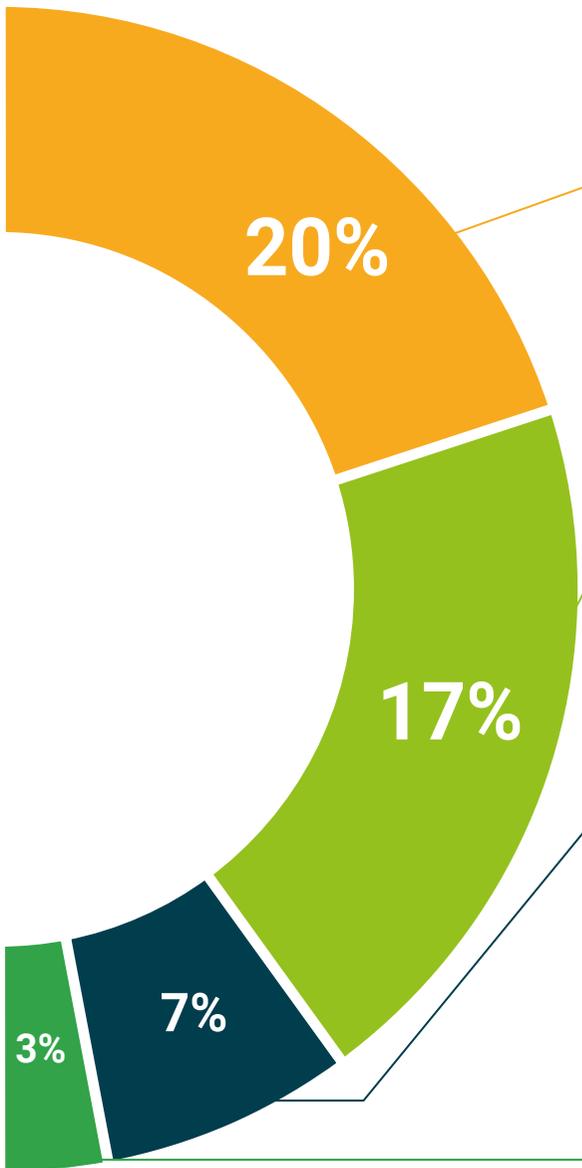
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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 assess and re-assess 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 Botulinum Toxin in in Dermatology and Aesthetics 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 private qualification will allow you to obtain a **Postgraduate Certificate in Botulinum Toxin in Dermatology and Aesthetics** 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** private qualification 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 Botulinum Toxin in Dermatology and Aesthetics**

**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 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 language  
virtual classroom



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**Postgraduate Certificate**  
Botulinum Toxin  
In Dermatology and Aesthetics

