

Postgraduate Certificate

Filler Materials and Hyaluronic Acid
in Advanced Aesthetic Medicine



Postgraduate Certificate

Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/filler-materials-hyaluronic-acidin-advanced-aesthetic-medicine

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01 Introduction

Advances in technology and constant innovation in products and techniques for the application of filler materials have made training in these areas vital to ensure the safety and efficacy of treatments. For this reason, TECH launches a solid and updated teaching in the use of the most popular filler materials, such as calcium hydroxyapatite and hyaluronic acid, as well as rhinomodeling techniques, lip fillers and other key areas in advanced Aesthetic Medicine. Additionally, the program is developed in a 100% online format and uses Relearning methodology, which allows students to access the training in a flexible and practical way. Our commitment is to provide a high quality program that enables physicians to improve their skills and knowledge in this field.

Patients are seeking increasingly advanced aesthetic treatments, which means that physicians must be up-to-date on the latest techniques and trends. Therefore, there is an increasing demand that has been growing steadily in recent years.



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Do you need to update your knowledge in one of the most demanded areas in Aesthetic Medicine? Thanks to this Postgraduate Certificate you will deepen in the most requested techniques through the most avant-garde materials so that you get the most solid knowledge"

The demand for non-invasive aesthetic procedures is growing worldwide, and patients are increasingly looking for treatments that offer natural and long-lasting results. In an increasingly competitive and ever-changing market, it is necessary to keep up to date in order to offer patients effective, safe and high quality treatments. Therefore, it is essential for physicians to keep up-to-date on the techniques of filler materials and hyaluronic acid.

TECH has designed this Postgraduate Certificate in Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine, which is the perfect solution for doctors to update their knowledge in this field. In this way, the degree is designed to offer comprehensive and current training in the most popular filler material techniques, such as calcium hydroxyapatite and hyaluronic acid, as well as rhinomodeling techniques, lip fillers and other key areas in this field.

This program is taught in a 100% online format and uses the Relearning methodology based on the reiteration of the fundamental concepts throughout the syllabus to facilitate the integration of knowledge in a natural and progressive way. Professionals will be able to access the materials and tools at any time and from anywhere, only needing a device with an internet connection. In this way, they will be able to combine their professional tasks and their personal life with a first level training.

This **Postgraduate Certificate in Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Advanced 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 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 learn about the latest advances in calcium hydroxyapatite, polylactic acid and hyaluronic acid"

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You will have at your disposal a Virtual Campus available 24 hours a day and you will be able to download the material to consult it whenever you need it”

The program's teaching staff includes professionals from 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.

Deepen your understanding of dark circles and cheek filler techniques and learn about the complications associated with filler materials and how to avoid them.

Access now to a library full of high quality multimedia content that you can download and consult whenever you want.



02 Objectives

Throughout the program, students will deepen their knowledge of key topics, such as autologous filler materials, rhinomodeling, lip filler, dark circles, and cheekbones, among others. Therefore, the objective of TECH is none other than to provide physicians with the most up-to-date knowledge in their field. In this way, they will be able to offer their patients effective, safe and high quality treatments. They will be able to up-to-date their skills in these key areas for the continuous improvement of their professional practice.



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*During this TECH Postgraduate Certificate
you will discover the benefits of autologous
fat and plasmagel as filler materials"*



General Objectives

- ♦ Update the professional's knowledge in order to be a Aesthetic Medicine expert on the best and newest treatments and to know how to apply them in an adequate and individualized way for each patient
- ♦ Influence the establishment of the most innovative guidelines for an exquisite doctor-patient relationship
- ♦ Get updated on the most important advices regarding risk prevention, complications and emergency situations
- ♦ Learn about the latest developments in Aesthetic Medicine, its treatments and techniques in a way that is not purely theoretical, but through dynamic and practical material





Specific Objectives

- ♦ To update in the use of filler materials: to acquire an in-depth knowledge of the concept and its use, to know their types
- ♦ Update the graduate's knowledge in the handling of hyaluronic acid
- ♦ Correctly identify, based on their types, the main indications and treatments (dark circles, lips, furrows and expression lines)



Update yourself on the classification of filler materials and how to choose the most suitable one for each patient"

03

Course Management

In its commitment to excellence and quality education, TECH has assembled a team of professionals, experts in Aesthetic Medicine. Therefore, the faculty that makes up this program is composed of medical specialists in this field. They have contributed their extensive professional careers and years of experience for the most solid update of the graduates. In this way, they will be introduced to calcium hydroxyapatite, polylactic acid and hyaluronic acid by consolidated professionals. All this with the aim of ensuring the most contemporary and cutting-edge knowledge in this key area of medicine.





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*Improve your technical and clinical skills
to provide your patients with high quality
results from reputable specialists"*

Management



Dr. Ruiz Allende, Alba María

- ♦ Medical Director of Aesthetic Medicine of the Clínica Londres Group
- ♦ Director of the Department of Aesthetic Medicine in the IMEMA Clinic
- ♦ Aesthetic medicine workshops trainer
- ♦ University professor at the CEU and UCAM
- ♦ Professor of MIR preparation at CTO
- ♦ Clinical researcher and editor of the magazine Emergency Live
- ♦ Residency in the specialty of Family, Community and Emergency Medicine at the Hospital Clínico San Carlos
- ♦ Master in Aesthetic Medicine and Nutrition at the Catholic University San Antonio of Murcia
- ♦ Master's Degree in Business Management from the Catholic University San Antonio of Murcia
- ♦ Master's Degree in Clinical Bioethics from UIMP

Professors

Dr. Maan Di Campli, Claudia Marina

- ♦ Aesthetic doctor at Novoclinic
- ♦ Medical Surgeon by the University De Oriente Núcleo Anzoátegui
- ♦ Member of the Illustrious Official College of Physicians of Madrid.(ICOMEM)
- ♦ Professional Degree in Aesthetic, Facial and Body Medicine from the University of Carabobo
- ♦ Professional Master's Degree in Esthetic axonal regeneration and Anti-Aging Medicine at the Complutense University of Madrid
- ♦ Member: Aesthetic Medicine Association of Madrid (AMAM)

Dr. Córdoba Canella, Estefanía

- ♦ Family and Community Medicine Specialist of Physician in San Carlos Clinical Hospital
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ♦ Degree in Nursing, CEU San Pablo University

Dr. Gonzalez San Narciso, Estrella

- ♦ Specialist in Family and Community the area of Medicine
- ♦ Graduate in Medicine



04

Structure and Content

The syllabus of the Postgraduate Certificate in Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine is designed to provide medical professionals with innovative and cutting-edge training in advanced techniques. Through the program, students will be updated in the most advanced techniques in the use of filler materials and hyaluronic acid in Aesthetic Medicine. They will learn about the classification of filler materials, calcium hydroxyapatite, polylactic acid or complete mandibular marking. All this in a total online format and under the effective methodology of Relearning.



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Adapt your up-to-date training according to your needs and study at your own pace thanks to TECH's Relearning methodology"

Module 1. Hyaluronic Acid Filler Materials

- 1.1. Filler Materials
 - 1.1.1. Classification of Filler Materials
 - 1.1.2. Autologous filler materials: autologous fat, plasmigel
 - 1.1.3. Resorbable and non-resorbable filler materials
- 1.2. Calcium hydroxyapatite (Radiesse)
 - 1.2.1. Indications
 - 1.2.2. Way of Action
 - 1.2.3. Application Techniques
 - 1.2.4. Results and durability
- 1.3. Polylactic acid (Ellanse, Sculptra)
 - 1.3.1. Indications
 - 1.3.2. Way of Action
 - 1.3.3. Application Techniques
 - 1.3.4. Results and durability
- 1.4. Hyaluronic Acid
 - 1.4.1. Indications
 - 1.4.2. Types
 - 1.4.3. Way of Action
 - 1.4.4. Application Techniques
 - 1.4.5. Results and durability
- 1.5. Rhino-Modeling
 - 1.5.1. Indications for rhinoplasty
 - 1.5.2. Most commonly used materials for rhinoplasty (hyaluronic acid, threads, etc.)
 - 1.5.3. Rhinoplasty techniques
 - 1.5.4. Complications and adverse effects
 - 1.5.5. Post-treatment recommendations
- 1.6. Lip Filler
 - 1.6.1. Lip filler indications
 - 1.6.2. Most commonly used materials for lip fillers
 - 1.6.3. Lip filler techniques
 - 1.6.4. Complications and adverse effects
 - 1.6.5. Post-treatment recommendations





- 1.7. Filling of dark circles
 - 1.7.1. Filling dark circles indications
 - 1.7.2. Most commonly used materials for dark eye fillers
 - 1.7.3. Dark Eye filler techniques
 - 1.7.4. Complications and adverse effects
 - 1.7.5. Post-treatment recommendations
- 1.8. Cheekbone filler
 - 1.8.1. Indications for cheek filler
 - 1.8.2. Most Used Materials
 - 1.8.3. Cheekbone filler techniques
 - 1.8.4. Complications and adverse effects
 - 1.8.5. Post-treatment recommendations
- 1.9. Complete mandibular marking
 - 1.9.1. Mandibular marking indications
 - 1.9.2. Most used materials for mandibular marking
 - 1.9.3. Mandibular marking Techniques
 - 1.9.4. Complications and adverse effects
 - 1.9.5. Post-treatment recommendations
- 1.10. Complications of Filler Materials
 - 1.10.1. Complications Associated with Hyaluronic Acid Injections
 - 1.10.2. Complications Associated with Calcium Hydroxyapatite Injections
 - 1.10.3. Available antidotes for different filler materials



By the end of the program, you will have a thorough knowledge of advanced Aesthetic Medicine techniques and be prepared to apply them in clinical practice"

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



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.

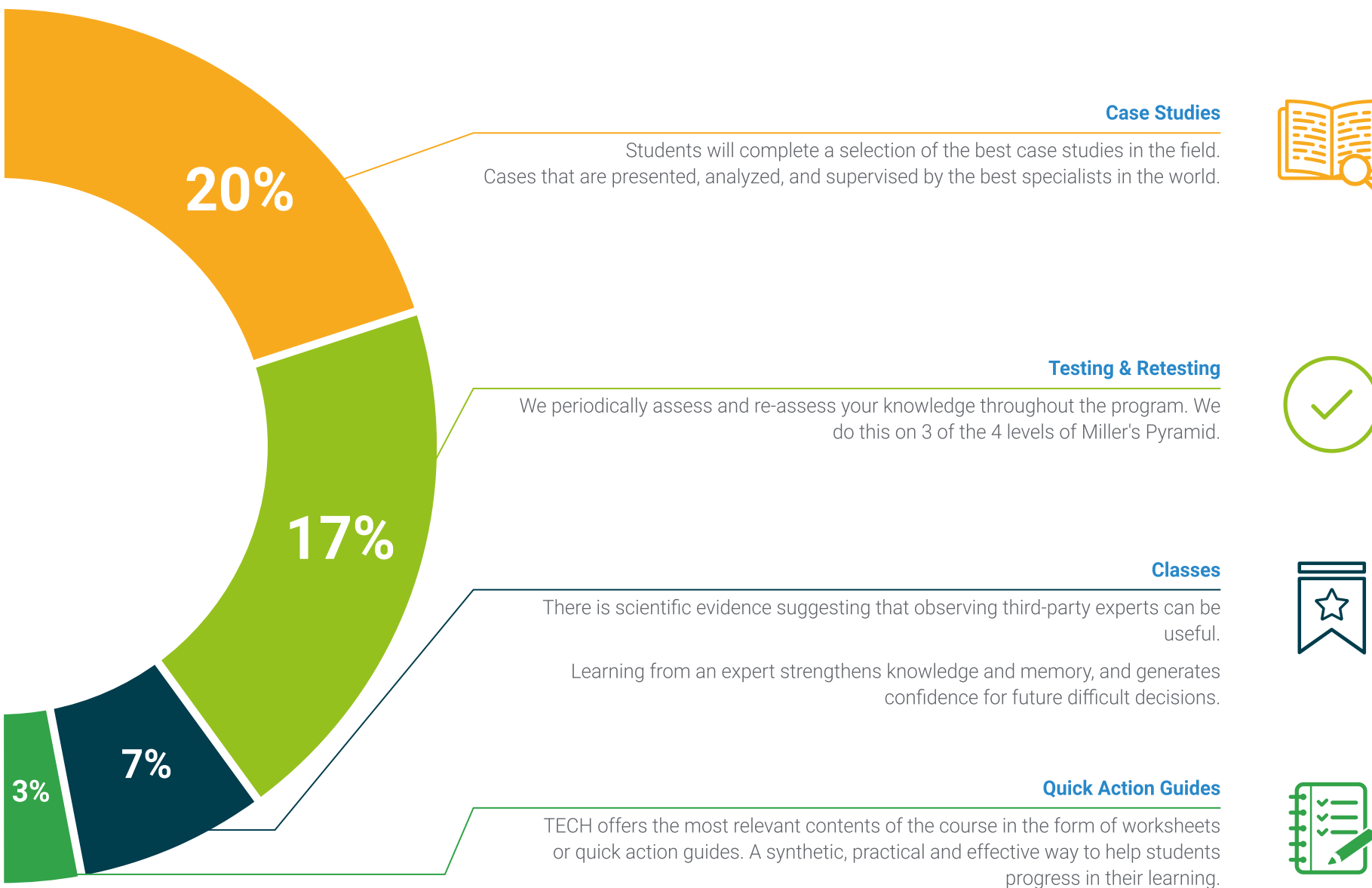
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06 Certificate

The Postgraduate Certificate Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine 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 Filler Materials and Hyaluronic Acid in Advanced Aesthetic Medicine** 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.

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