

Postgraduate Certificate

Trichology and Hair Transplantation





Postgraduate Certificate Trichology and Hair Transplantation

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

Website: www.techtitute.com/us/medicine/postgraduate-certificate/trichology-hair-transplantation

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

Hair loss can affect a person's self-esteem, as it can be easily perceived by others. For this reason, nowadays, many patients seek consultation to solve this aesthetic problem and undergo hair transplants.



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A complete program that will help you keep up to date with the latest developments in Trichology and Hair Transplantation”

Trichology is a specialty of specialties that encompasses a broad field. It is the area of study concerned with the hair and scalp, and its treatments and results have wide-ranging cosmetic implications.

Know the medical treatments for the different types of alopecia, antiandrogen injections, PRP, immunotherapy and surgical treatments for alopecia with their different techniques (strip technique, FUE technique, SAFER automated device) involves first making an adequate clinical diagnosis supported by the best technologies. Therefore, it is important to specialize in this field, which will form a rigorous and complete management of hair pathology.

The Postgraduate Certificate in Trichology and Hair Transplantation is a program designed to provide physicians with the necessary knowledge to incorporate the specialism into their professional practice. It brings an added balance to working life and opens a door to a growing demand for healthcare.

This **Postgraduate Certificate in Trichology and Hair Transplantation** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The examination of practical cases presented by experts in Trichology and Hair Transplantation
- ♦ 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
- ♦ Latest developments in Trichology and Hair Transplantation
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies in Trichology and Hair Transplantation
- ♦ 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 Trichology and Hair Transplantation, which will allow you to specialize in order to achieve excellence in this field"

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This Postgraduate Certificate is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Trichology and Hair Transplantation, you will obtain a Postgraduate Certificate from TECH Technological University"

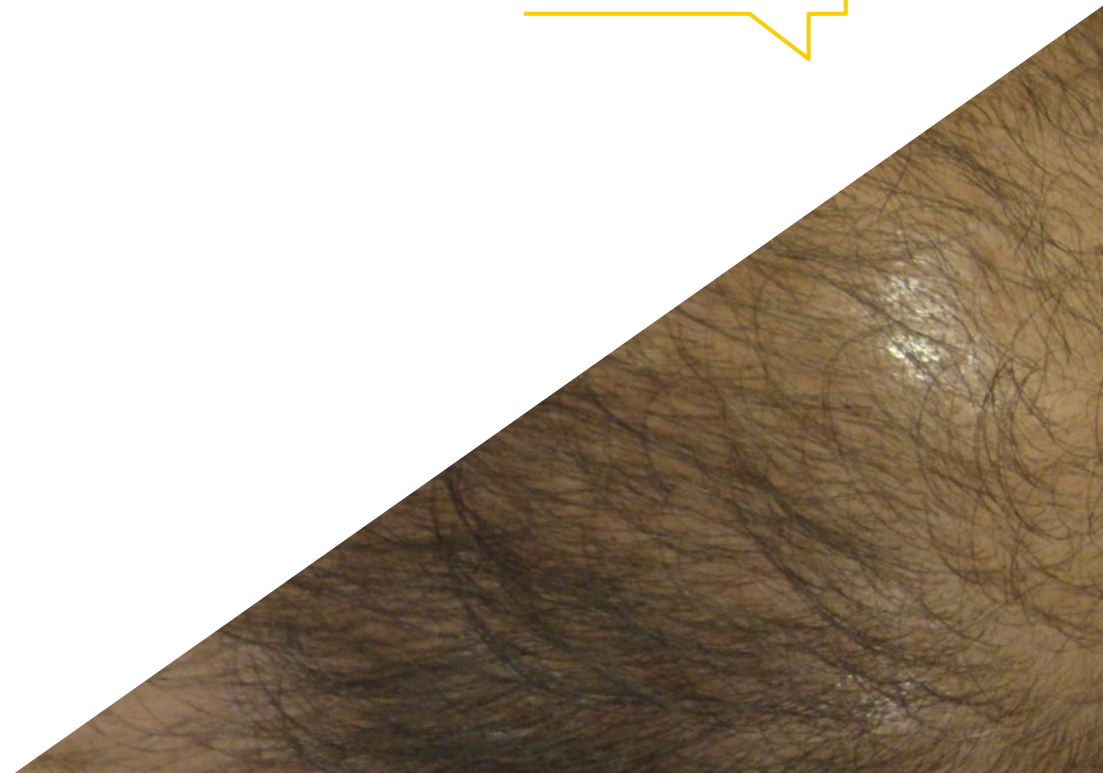
The teaching staff includes professionals from the field of Aesthetic Medicine, who bring their experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

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's design focuses on Problem-Based Learning, through which doctors must try to solve the different professional practice situations that arise during the academic year. For this, the professor will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of Trichology and Hair Transplantation.

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

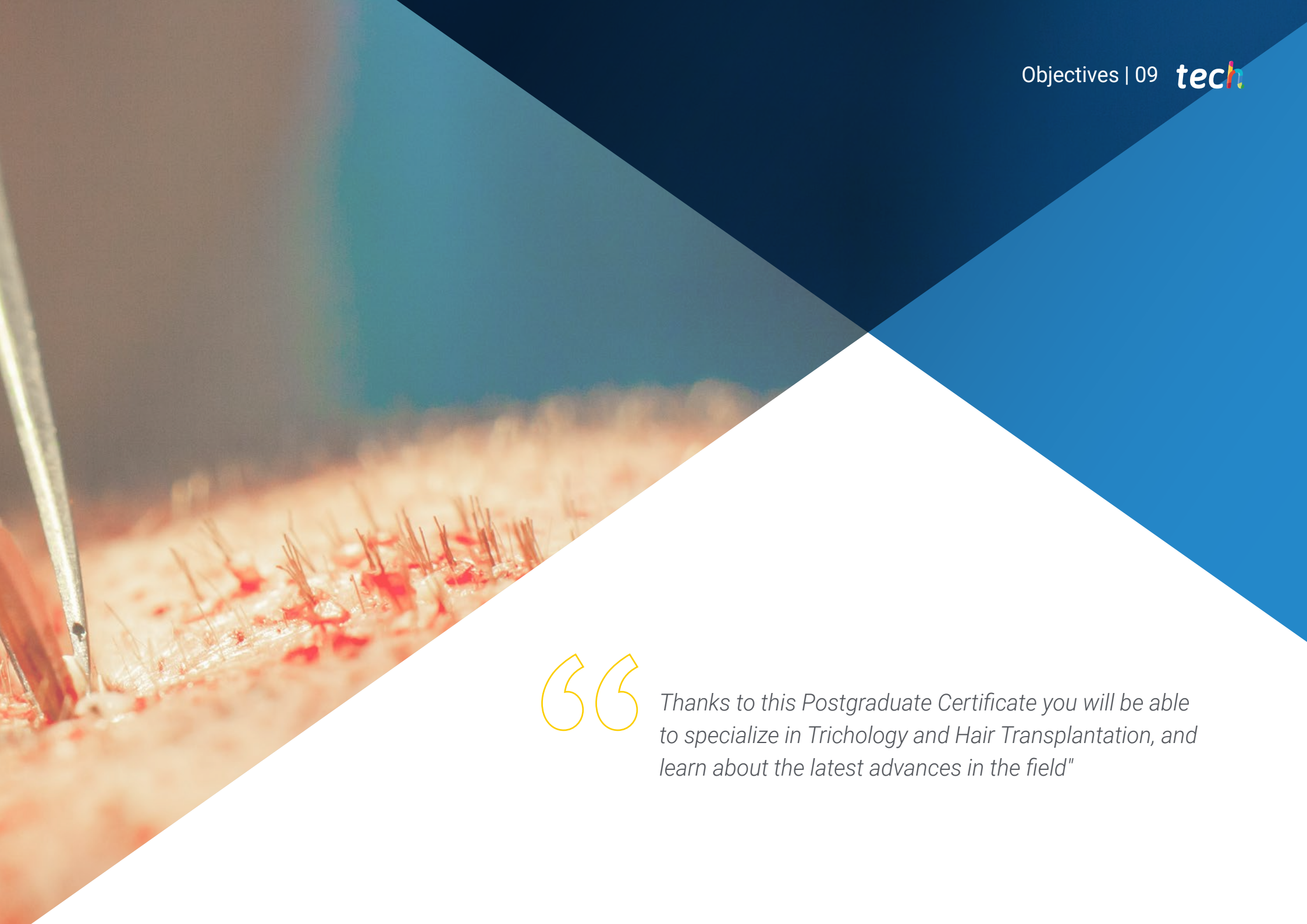
This 100% online Postgraduate Certificate will allow you to balance your studies with your professional work while increasing your knowledge in this field.



02 Objectives

The Postgraduate Certificate in Trichology and Hair Transplantation is aimed at facilitating the performance of the dedicated professional with the latest advances and most innovative treatments in the sector.





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Thanks to this Postgraduate Certificate you will be able to specialize in Trichology and Hair Transplantation, and learn about the latest advances in the field"



General Objectives

- ♦ 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

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An opportunity created for professionals who are looking for an effective Postgraduate Certificate which allows them to take a significant step forward in their career”





Specific Objectives

- ♦ Understand the medical treatments for different types of alopecia, antiandrogen injections, PRP, immunotherapy and surgical treatments for alopecia with their different techniques (strip technique, FUE technique, SAFER automated device)
- ♦ Learn how to perform an effective clinical diagnosis with the support of the latest technologies

03

Course Management

The teaching staff for this program includes experts of note in Aesthetic Medicine, who pour their professional experience into this course. In addition, other renowned experts participate in its design and elaboration, 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. Rubio Lombraña, Marta

- Degree in Trichology and Hair Transplant
- Director of TricoNorte. Euskalduna Clinic of Bilbao
- Dermatologist at Urduliz Alfredo Espinosa Hospital, Vizcaya, Member of the Spanish Academy of Dermatology and Venereology

Dr. Esteban Herrero, Margarita

- Medical Director of the aesthetic medical center Clinic Dra. Esteban
- Specialist in Aesthetic Medicine and Director of the Aesthetic Clinic
- President of the group of experts in oncological aesthetic medicine (GEMEON)
- Member of the Spanish Society of Aesthetics Medicine (SEME)

Ordiz García, Ignacio

- Director of the Aesthetic Medicine Area, El Fontán Clinic
- President of the Iberoamerican Mesotherapeutic Medicine Association since its foundation
- Member of prestigious associations, Founding member and speaker of the Asturian Society of Cosmetic and Aesthetic Medicine, Honorary Member of the Spanish Association of Manual Lymph Drainage Vodder, Spanish Society of Aesthetic Medicine, French Society of Mesotherapy, Italian Society of Mesotherapy, Spanish Society of Homeopathic Medicine

Dr. Iglesias, Emma

- Medical Direction Svenson International Aesthetic Clinics
- Hair Surgeon
- Cosmetic Surgeon specializing in oral and maxillofacial surgery at Sanitas and HM Hospitales



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Our teaching team will provide you with all their knowledge so that you are up to date with the latest information on the subject"

04

Structure and Content

The syllabus has been designed by the best professionals in the Aesthetic Medicine sector, with a wealth of experience and highly renowned in the profession, backed by a large volume of cases reviewed, studied and diagnosed, with extensive mastery of new teaching technologies.



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This Postgraduate Certificate in Trichology and Hair Transplantation contains the most complete and up-to-date scientific program on the market”

Module 1. Trichology and Hair Transplantation

- 1.1. Anatomy and Physiology of the Scalp Skin and Hair Follicle
 - 1.1.1. Anatomical Structure and Function of the Skin Entity
 - 1.1.2. Anatomy of the Hair Follicle
 - 1.1.3. Hair Growth Cycle
 - 1.1.4. Physiology of the Pilosebaceous Follicle
 - 1.1.5. Factors Influencing Follicle Growth
 - 1.1.6. Physical Properties of Hair
 - 1.1.7. Variations by Age, Gender and Race
- 1.2. Medical History. Diagnostic Techniques and Capillary Analysis
 - 1.2.1. Clinical History in Trichology
 - 1.2.2. Non-Invasive Diagnostic Methods: Physical Examination; Photography; Trichoscopy. Confocal Microscopy and Scanning Electron Microscopy
 - 1.2.3. Methods of Semi Invasive Diagnosis: Trichogram and Trichoscan
 - 1.2.4. Invasive Methods: Skin Biopsy
 - 1.2.5. Complementary Examinations and Analytical Protocols
- 1.3. Main Pathologies of the Scalp
 - 1.3.1. Seborrheic Dermatitis and Pityriasis Capitis
 - 1.3.2. Atopic Dermatitis and Scalp Psoriasis
 - 1.3.3. Contact Dermatitis and Sensitive Scalp
 - 1.3.4. Benign Skin Tumors
 - 1.3.5. Skin Cancer and Precancer
 - 1.3.6. Scalp Infections and Infestations
- 1.4. Alopecia: Concepts and Classification. Effluvia. Alopecia Areata
 - 1.4.1. Concept and Classification of Alopecia
 - 1.4.2. Acute and Chronic Telogen Effluvium
 - 1.4.3. Anagenic Effluvium
 - 1.4.4. Alopecia Areata
- 1.5. Male and Female Androgenetic Alopecia
 - 1.5.1. Concept and Classification of Androgenetic Alopecia
 - 1.5.2. Hormonal Metabolism in Androgenetic Alopecia
 - 1.5.3. Alopecia femenina (FAGA)
 - 1.5.4. Therapeutic Protocols





- 1.6. Hypertrichosis and Hirsutism
 - 1.6.1. Differences Between Hypertrichosis and Hirsutism
 - 1.6.2. Approach to Hirsutism. SAHA Syndrome
- 1.7. Medical Treatment of Alopecia. Active Therapeutic Principles Used in Trichology
 - 1.7.1. Minoxidil
 - 1.7.2. 5alpha-reductase Inhibitors and Other Antiandrogens
 - 1.7.3. Prostaglandin Analogs
 - 1.7.4. Corticosteroids and Other Anti-inflammatory Drugs
 - 1.7.5. Immunosuppressive Drugs
 - 1.7.6. Keratolytic and Antimicrobial Agents
- 1.8. Capillary Mesotherapy and its Utility in Aesthetic Medicine Consultations
 - 1.8.1. Manual and Assisted Hair Mesotherapy Techniques. Microneedling Techniques. Use of *Roller* and Capillary Multifunction Devices
 - 1.8.2. Allopathic Hair Mesotherapy. Indications, Drugs, and Medical Devices
 - 1.8.3. Homeopathic Capillary Mesotherapy, Update
 - 1.8.4. Complications and Adverse Effects of Hair Mesotherapy
- 1.9. Cosmetic Treatments in Trichology
 - 1.9.1. Hair Care and Hair Cosmetic Products
 - 1.9.1.1. Cosmetic Shampoos and Therapeutic Shampoos
 - 1.9.1.2. Conditioners and Finishing/Styling Products
 - 1.9.2. Coloring and Bleaching Dyes
 - 1.9.3. Curling or Permanent Waving of Hair; Straightening of Hair
 - 1.9.4. Hair Nutricosmetics
 - 1.9.5. Micropigmentation and *Microblading*
 - 1.9.6. Hair Integration Systems and Keratin Microfibers
 - 1.9.7. Hair Removal Methods
- 1.10. Hair Transplant, Techniques, Indications, Stages and Postoperative Care
 - 1.10.1. Types and Techniques. Strip and FUE Type Transplant. Assisted FUE
 - 1.10.2. Indications and Patient Selection. Design
 - 1.10.3. Material and Phases of the Hair Transplant Technique
 - 1.10.4. Postoperative Care and Complications

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.



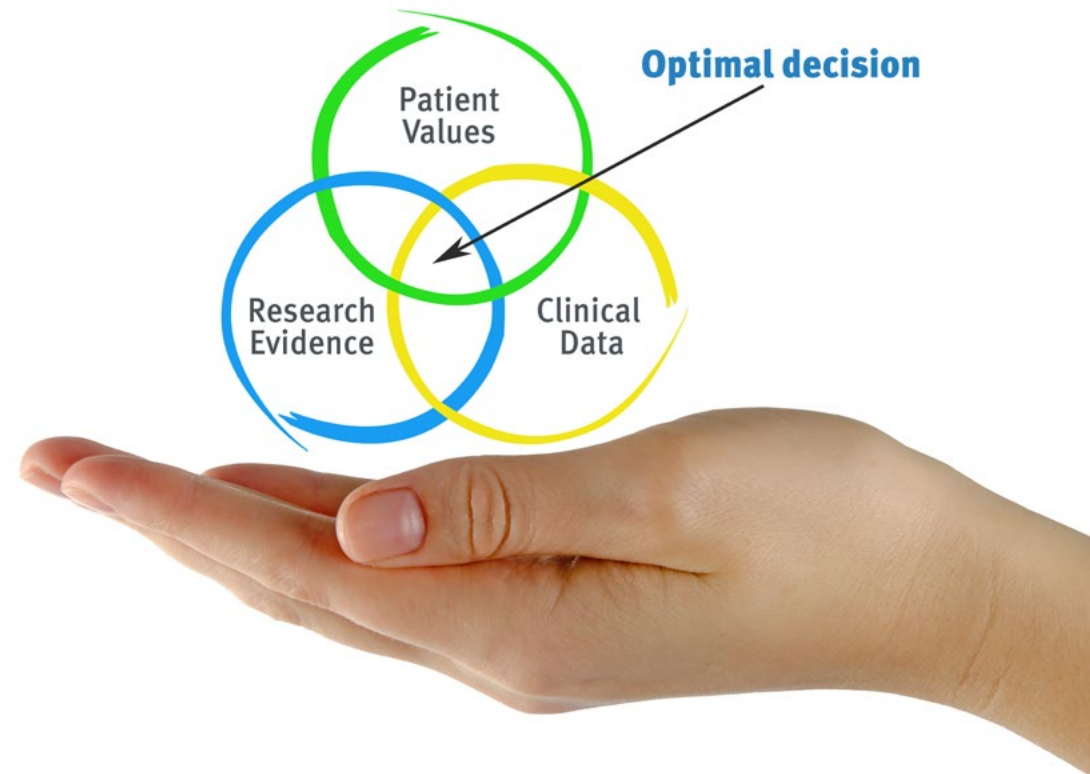
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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. 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 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

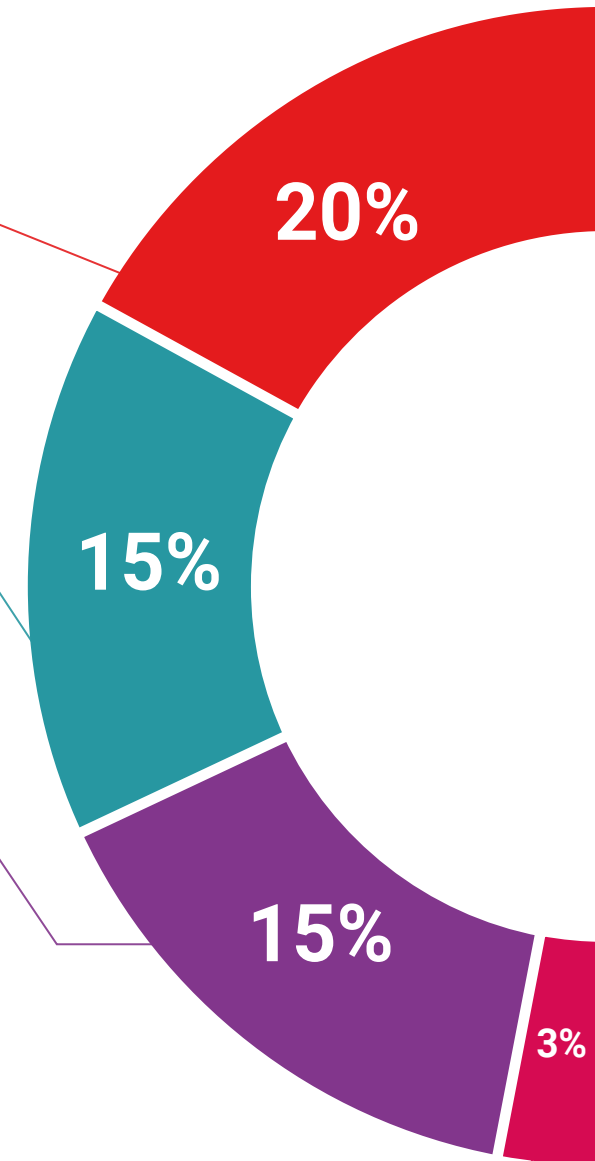
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

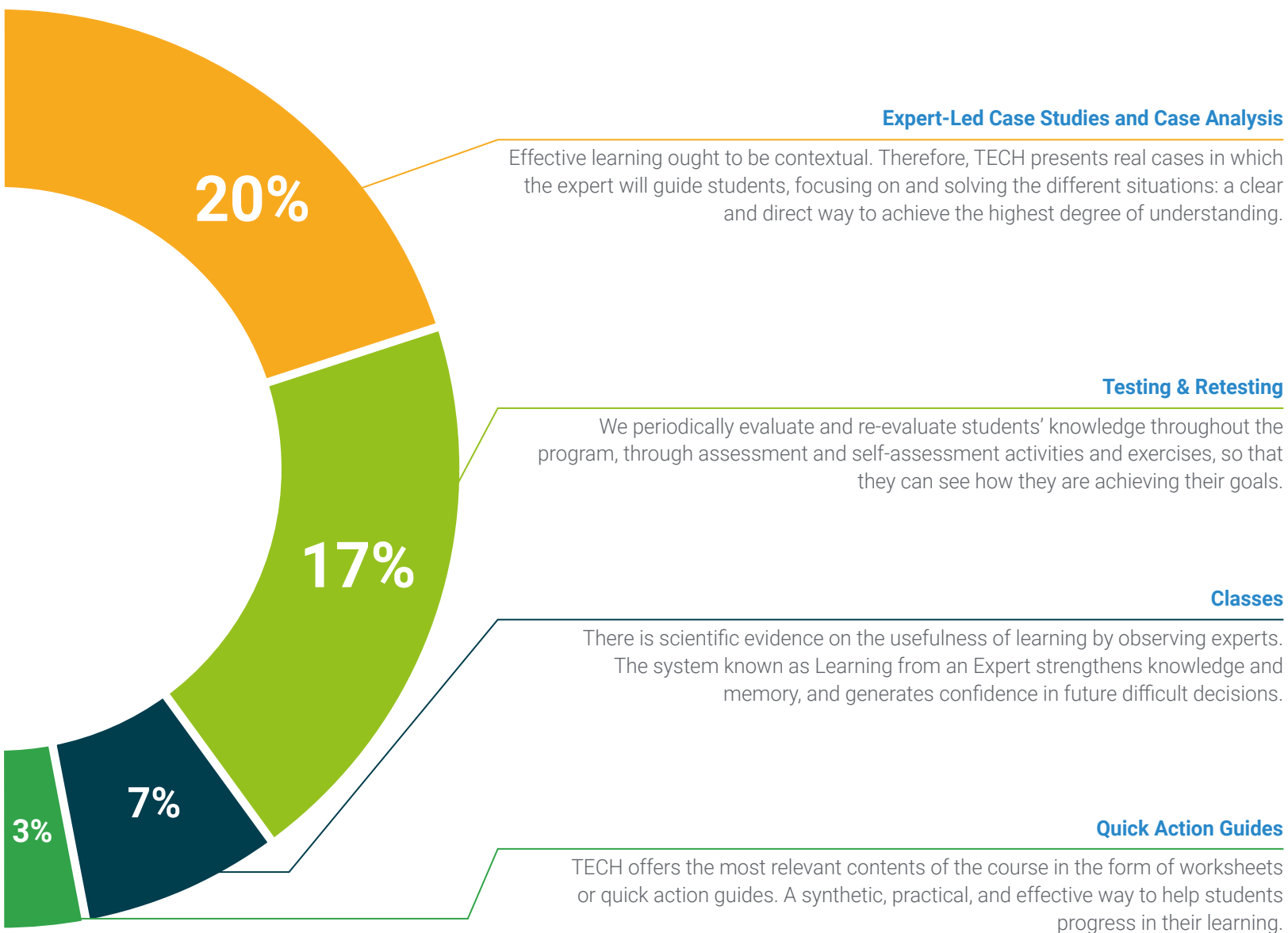
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story"



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.





06 Certificate

The Postgraduate Certificate in Trichology and Hair Transplantation 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 Aesthetic and Regenerative Gynecology** 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 Trichology and Hair Transplantation**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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