

# Postgraduate Certificate Trichology and Hair Transplantation





## Postgraduate Certificate Trichology and Hair Transplantation

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/in/medicine/postgraduate-certificate/trichology-hair-transplantation](http://www.techtitute.com/in/medicine/postgraduate-certificate/trichology-hair-transplantation)

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# 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 in charge of studying the hair and scalp and its treatments and results have a wide aesthetic content.

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.

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

- ♦ The development of practical cases presented by experts in Trichology and Hair Transplantation.
- ♦ 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.
- ♦ Latest developments in Trichology and Hair Transplantation.
- ♦ Practical exercises where self-assessment can be used 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 assignments
- ♦ 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 until you achieve excellence in this field"*

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*This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: besides updating your knowledge in Trichology and Hair Transplantation, you will obtain a 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 professionals with situated and contextual learning, i.e., a simulated environment that will provide immersive training, designed for training oneself 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, 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 training with us. You will find the best teaching material with virtual lessons.*

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





# 02 Objectives

The Postgraduate Certificate in Trichology and Hair Transplantation is oriented to facilitate the performance of the professional dedicated to teaching 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

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- Teach the 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 existing aging process today.

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





## Specific Objectives

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- Know the medical treatments for different types of alopecia, anti-androgen injections, PRP, immunotherapy and surgical treatments for alopecia with its different techniques (strip technique, FUE technique, SAFER automated device).
- Learn how to perform an adequate clinical diagnosis supported by the best technologies.



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. Rubio Lombraña, Marta

- ◆ Dermatologist Specialist in Trichology and Hair Transplantation
- ◆ Director TricoNorte. Euskalduna Clinic in Bilbao
- ◆ Dermatologist at Hospital de Urduliz Alfredo Espinona, Vizcaya, Member of the Spanish Academy of Dermatology and Venereology

### Dr. Esteban Herrero, Margarita

- ◆ 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 Aesthetic Medicine (SEME)

### Dr. 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 member 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, Enma

- ◆ Medical Direction Svenson International Aesthetic Clinics
- ◆ Hair Surgeon
- ◆ Cosmetic Surgeon specialist in oral and maxillofacial surgery at Sanitas and HM Hospitals







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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 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. Semi-Invasive Diagnostic Methods: 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 Usefulness in an Esthetic Medicine Practice
  - 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 Hair 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



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

05

# Methodology

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

This teaching system is used 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 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. 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 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.

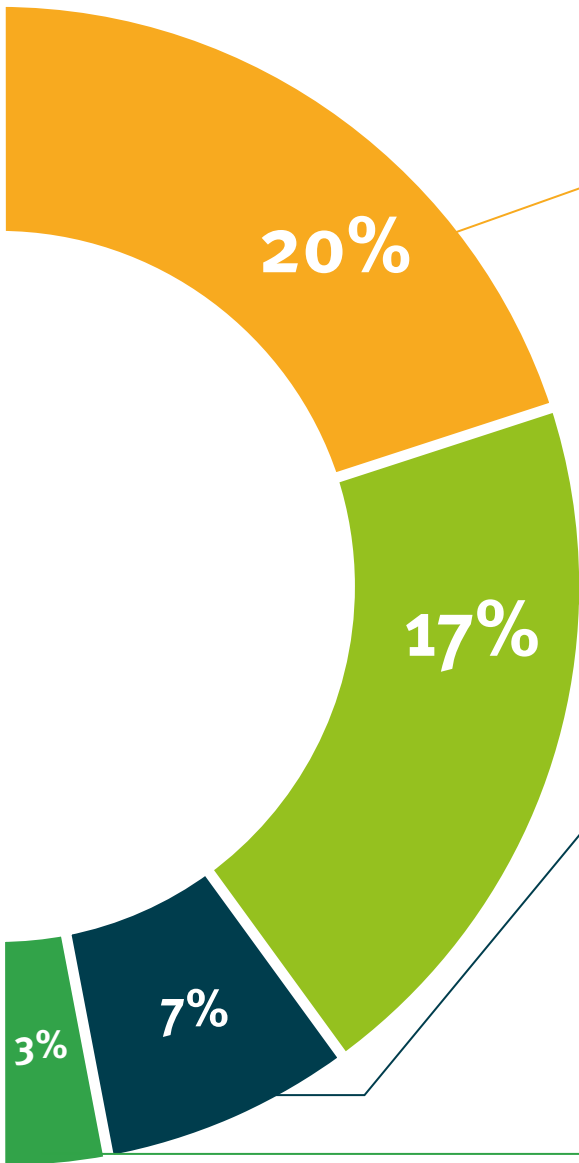
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



#### 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

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

After the student has passed the evaluations, they will receive by mail with acknowledgment of receipt their corresponding **Postgraduate Certificate** qualification issued by **TECH Technological University**.

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 in Trichology and Hair Transplantation**

Nº 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.

health future  
confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment

**tech** technological  
university

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## Trichology and Hair Transplantation

