

# Postgraduate Certificate

## Aesthetic Surgery Patient Protocols



## Postgraduate Certificate

### Aesthetic Surgery Patient Protocols

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

Website: [www.techtute.com/us/medicine/postgraduate-certificate/aesthetic-surgery-patient-protocols](http://www.techtute.com/us/medicine/postgraduate-certificate/aesthetic-surgery-patient-protocols)

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# 01

# Introduction

Bringing the patient to a successful conclusion is the most important thing for any surgeon. Therefore, it is essential that, for the performance of a surgical intervention, a series of protocols are carried out, from the preoperative part, to the intervention itself and the postoperative care. If you want to specialize in this field to offer a more personalized attention to aesthetic surgery patients, do not hesitate and specialize with this complete academic program.



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*Obtain a high-level education in the necessary protocols for aesthetic surgery patients and offer them more personalized care"*

This Postgraduate Certificate in Aesthetic Surgery Patient Protocols establishes the preventive tasks that surgeons should perform to reduce the likelihood of complications that may arise directly from the surgery or prior to it. Therefore, it is a matter of establishing common behaviors to be applied to all patients, regardless of the treatment.

In order to perform a surgical intervention, it is necessary to examine the reasons why patients wish to transform their appearance, their psychological state, determine the support tools in consultation, such as photographs and virtual simulators, in addition to the whole medical-legal aspect. In this sense, this Postgraduate Certificate develops fundamental aspects related to patient safety: anesthetic risk, antibiotic prophylaxis and vascular events.

Regarding postoperative management, the Postgraduate Certificate addresses recovery, rest, lymphatic drainage, wound care dressings, the use of postoperative garments, as well as analgesic and antibiotic medication that will culminate with the patient's return to daily activities.

This Postgraduate Certificate is an intensive program designed to learn about the technologies, materials and treatments of this discipline and to include a complete perspective of aesthetic plastic surgery that will allow you to specialize in an ethical and responsible way. In this way, this postgraduate course provides high level specialization that seeks excellence. In addition, its 100% online format will allow you to continue your studies from the place of your choice, without the need to travel or schedule obligations.

This **Postgraduate Certificate in Aesthetic Surgery Patient Protocols** contains the most complete and up-to-date educational program on the market. The most important features of the program include:

- ♦ Practical cases presented by experts in aesthetic surgery
- ♦ 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 on aesthetic surgery patient protocols
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Special emphasis on innovative methodologies in patient protocols
- ♦ 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 that will allow you to specialize until you 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 Aesthetic Surgery Patient Protocols, you will obtain a qualification from TECH Global University".*

Its teaching staff includes professionals belonging to the field of aesthetic plastic surgery, who share their work experience in this specialization, as well as renowned specialists from prestigious societies and 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 surgeon must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in patient protocols for aesthetic surgery.

*Do not hesitate to take this educational program 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

The Postgraduate Certificate in Aesthetic Surgery Patient Protocols is oriented to facilitate the performance of professionals with the latest advances and newest treatments in the sector, achieving a superior qualification that allows them to act with total security in the cases that arise in their office.





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*TECH has set the goal of offering you the most comprehensive education on the market in aesthetic surgery patient protocols so that you can acquire a superior level of specialization that will elevate you to the professional elite"*



## General Objectives

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- Examine the basics of the plastic surgery practice
- Determine preoperative prophylaxis protocols
- Establish the management of antibiotics and postoperative analgesics
- Detail the management of post-operative garments and patient recovery

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*With this program we want to meet your objective of acquiring superior specialization in this in-demand field"*





## Specific Objectives

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- ♦ Examine the characteristics of the aesthetic surgery patient from a psychological point of view, expectations, and reasons why they want to transform their appearance
- ♦ Provide the necessary tools for the assessment in consultation and management of social networks
- ♦ Determine the importance of medical photography as a tool for documentation of cases, and address the technical aspect of taking medical photographs
- ♦ Establish the necessary medical-legal documentation that protects the surgeon: informed consents
- ♦ Analyze the prophylaxis of cardiovascular events through the caprini scale
- ♦ Present the anesthesia protocols, surgical risk, and outpatient management through the ERAS protocol
- ♦ Determine post-operative patient management: antibiotic treatment, analgesia, post-operative garments, and recovery

03

# Course Management

This program includes in its teaching staff leading experts in aesthetic plastic surgery, who bring to this specialization 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 main experts in aesthetic plastic surgery have joined forces to show you all their knowledge in this field"*



## Management



### Dr. Delgado Caldera, Carlos

- Plastic and Aesthetic Surgeon specialized in Aesthetic Breast Surgery, Body, and Facial Aesthetic Procedures
- Postgraduate in Esthetic and Maxillofacial Reconstructive Plastic Surgery, General Hospital Dr. Jesus Yerena, Caracas (Venezuela) 2012-2014 Endorsed by the Ministry of People's Power for Health (MPPS) and the Venezuelan Society of Plastic, Reconstructive, Esthetic, and Maxillofacial cirugía (SVCPREM)
- Internship, Centro Médico Docente La Trinidad, Caracas (Venezuela) 2013-2015 Internship in Breast, Body, and Facial Aesthetic surgery. Microsurgical Reconstruction. Plastic and Reconstructive surgery Service
- Internship, University Foundation of Health Sciences (FUCS), Bogotá (Colombia) 2014. Intern in Craniofacial Surgery and Post Bariatric Surgery. Plastic and Reconstructive surgery Service
- Postgraduate of General Surgery, City Hospital Dr. Enrique Tejera, Valencia (Venezuela). 2010-2012. Endorsed by the Ministry of People's Power for Health (MPPS)
- Surgeon, Carabobo University. 2001-2006 School of Medicine
- Head of the Department of Plastic and Reconstructive Surgery, Instituto Docente de Urología (IDU) (Private Practice), Valencia (Venezuela). 2018-2020
- Aesthetic Plastic Surgeon, Servicios Mediplan C.A, Caracas - Margarita (Venezuela). 2015-2017
- Aesthetic Plastic Surgeon, Grupo Cil Venezuela 2015 2015– 2016



# 04

## Structure and Content

The structure of the contents has been designed by the best professionals in the Plastic Aesthetic Surgery sector, with an extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and intervened, and with a wide mastery of new technologies applied to teaching.



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*This Postgraduate Certificate contains  
the most complete and up-to-date  
scientific program on the market"*

## Module 1. Protocols for the Aesthetic Surgery Patient

### 1.1. Characteristics of the Aesthetic Patient

- 1.1.1. Social Influence
- 1.1.2. Aesthetic Surgery Patients
- 1.1.3. Psychological Assessment
  - 1.1.3.1. Reasons for Aesthetic Surgery
  - 1.1.3.2. Expectations vs Reality
  - 1.1.3.3. Warning Signs
  - 1.1.3.4. Role of the Psychologist in the Preoperative and Postoperative Evaluation
- 1.1.4. Dissatisfied Patient
  - 1.1.4.1. Causes
  - 1.1.4.2. Medical-legal Implications
  - 1.1.4.3. How to Manage the Dissatisfied Patient?

#### 1.1.5. Recommendations

### 1.2. Virtual Era in Aesthetic Surgery

- 1.2.1. Virtual Consultations
- 1.2.2. What can we Offer the Patient in the Virtual Era?
- 1.2.3. Virtual Platforms
- 1.2.4. Social Networks
  - 1.2.4.1. Publishable Content
  - 1.2.4.2. Advertising
- 1.2.5. Virtual Simulators
- 1.2.6. Uses and Limitations
- 1.2.7. Handling of Simulation Programs
- 1.2.8. Advantages and Disadvantages
- 1.2.9. Recommendations
- 1.2.10. Summary

### 1.3. Medical Photographs

- 1.3.1. Importance of Photographic Documentation
- 1.3.2. Important Elements in Medical Photography
  - 1.3.2.1. Lighting
  - 1.3.2.2. Photographic Composition
  - 1.3.2.3. Scene
  - 1.3.2.4. Photographic Devices
- 1.3.3. Facial Photographs
  - 1.3.3.1. Projections
- 1.3.4. Body Photographs
  - 1.3.4.1. Projections
- 1.3.5. BORRAR
- 1.3.6. Image Organization
- 1.3.7. Recommendations
- 1.3.8. Summary

### 1.4. Aesthetic Surgery and Medical– Legal Implications

- 1.4.1. Medical Act
- 1.4.2. Documentation
- 1.4.3. Ethics and Medical Practice
- 1.4.4. Informed Consent of the Anesthetic Act
- 1.4.5. Informed Consent for Surgical Procedures
- 1.4.6. Informed Consent for Graphic Documentation
- 1.4.7. Recommendations
- 1.4.8. Summary



- 1.5. Prophylaxis in Aesthetic Surgery
  - 1.5.1. Introduction
  - 1.5.2. Prophylaxis of Deep Vein Thrombosis (DVT)
    - 1.5.2.1. Caprini Scale
  - 1.5.3. Antibiotic Prophylaxis
  - 1.5.4. Summary
- 1.6. Anesthesia Protocol
  - 1.6.1. Introduction
  - 1.6.2. Risk Factors and ASA Classification
  - 1.6.3. Phases of General Anesthesia
  - 1.6.4. Post-Anesthesia Recovery Unit (PARA)
  - 1.6.5. Summary
- 1.7. ERAS Protocol in Ambulatory Surgery (*Enhanced Recovery After Surgery*)
  - 1.7.1. Introduction
  - 1.7.2. Minor Surgery.
  - 1.7.3. Major Outpatient Surgery
  - 1.7.4. ERAS Protocols in Aesthetic Surgery
  - 1.7.5. Summary
- 1.8. Postoperative Medication and Analgesia
  - 1.8.1. Post Operative Analgesia
    - 1.8.1.1. Oral Analgesics
    - 1.8.1.2. Outpatient Intravenous Analgesia
  - 1.8.2. Post-operative Antibiotic Therapy
  - 1.8.3. Summary
- 1.9. Post-operative Wound Care
  - 1.9.1. Introduction
  - 1.9.2. Types of Dressings
  - 1.9.3. Dressing Plasters
  - 1.9.4. Negative Pressure Devices
  - 1.9.5. Summary

- 1.10. Post-operative Recovery Garments and Patient Monitoring
  - 1.10.1. Pressure Therapy Garments
    - 1.10.1.1. Chin Support
    - 1.10.1.2. Bra
    - 1.10.1.3. Vests
    - 1.10.1.4. Girdles
    - 1.10.1.5. Corset
    - 1.10.1.6. Stockings
  - 1.10.2. Postoperative Care after an Aesthetic Surgery Procedure
    - 1.10.2.1. Care of the Drains
    - 1.10.2.2. Rest
    - 1.10.2.3. Recovery of Normal Life
  - 1.10.3. Summary



*Welcome to the specialization  
that will take your career to  
the next level. Don't let this  
opportunity pass you by"*

# 05 Methodology

This program offers students a different way of learning. Our methodology uses a cyclical learning approach: Relearning.

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 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 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

At TECH, we enhance the Harvard 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 we have prepared 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.

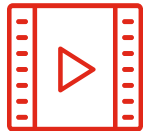
*Relearning will allow you to learn with less effort and better performance, involving you more in your education, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we balance each of these elements concentrically.

The overall score obtained by our 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

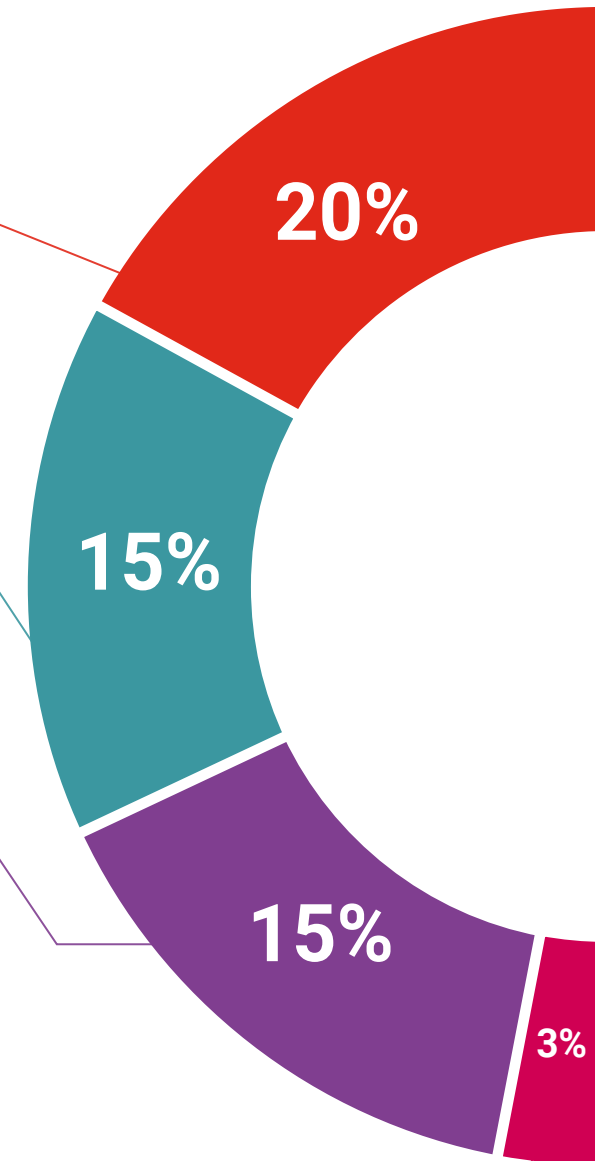
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

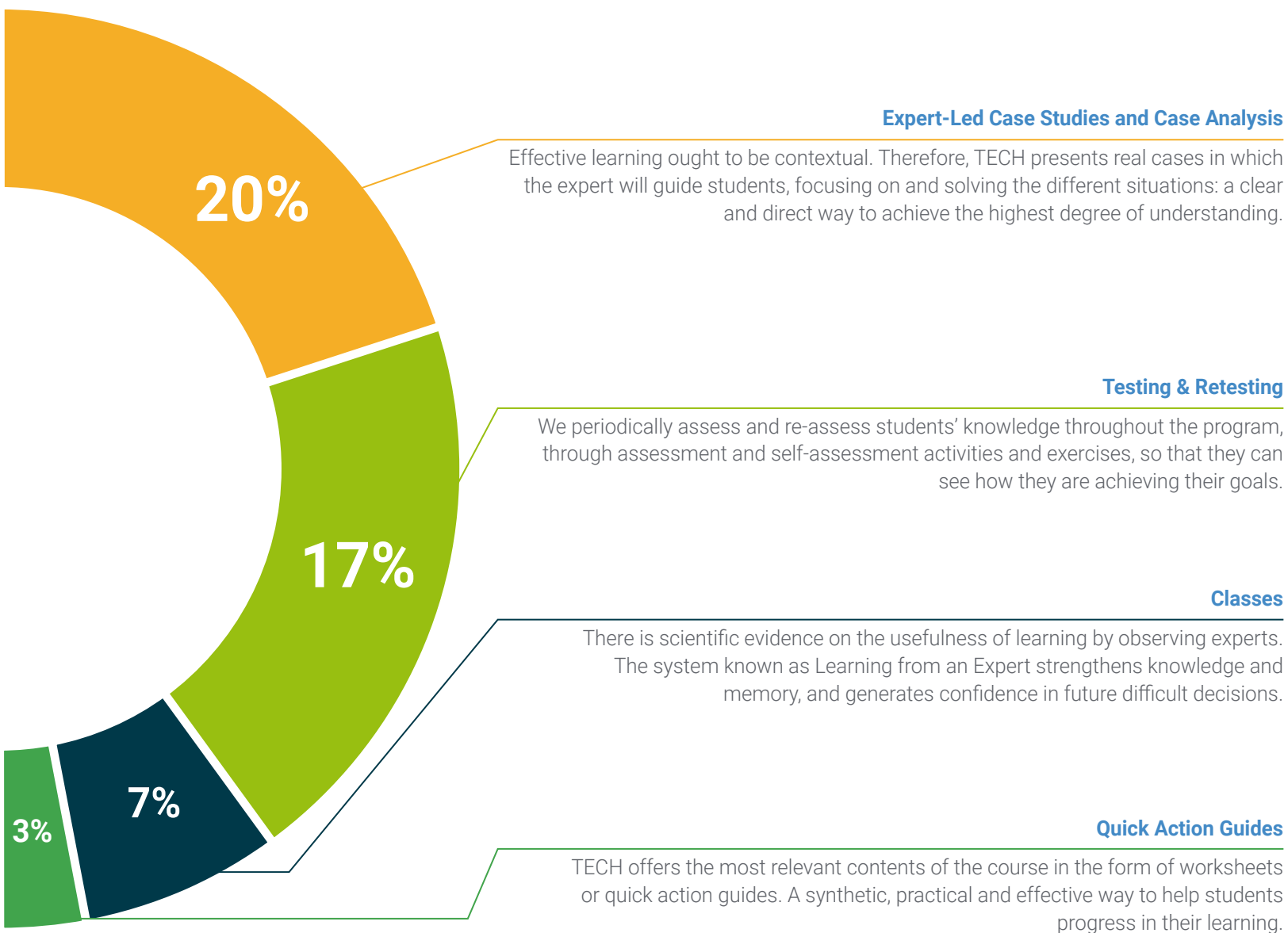
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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.







# 06 Certificate

The Postgraduate Certificate in Aesthetic Surgery Patient Protocols guarantees, in addition to the most accurate and up-to-date knowledge, access to a Postgraduate Certificate issued by TECH Global University.





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*Include in your education a Postgraduate Certificate in Aesthetic Surgery Patient Protocols: a highly qualified added value for any medical professional"*

This program will allow you to obtain a **Postgraduate Certificate in**

**Aesthetic Surgery Patient Protocols** 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 title**, 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 Aesthetic Surgery Patient Protocols**

ECTS: **6**

N.º Teaching Hours: **150 hours**.





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