Postgraduate Certificate
Breast Aesthetic Surgery

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Postgraduate Certificate
Breast Aesthetic Surgery

Course Modality: **Online**
Duration: **6 weeks**
Certificate: **TECH Technological University**
6 ECTS Credits
Teaching Hours: **150 hours.**
Website: www.techtitute.com/medicine/postgraduate-certificate/postgraduate-certificate-breast-aesthetic-surgery

Index

01

Introduction

The breast is one of the most important signs of femininity, so it is not surprising that when a woman is not physically comfortable, she decides to intervene to improve this part of her body. Moreover, more and more men are joining this demand for an athletic looking chest. Each patient's anatomical characteristics and the aesthetic desire expressed in consultation oblige the surgeon to interpret all the options in order to choose the correct surgical technique and achieve an optimal and satisfactory result. For this reason, we offer you this complete academic program, with which you will be able to get up to date in the latest breast surgical techniques.

Today's society's focus on image is leading to an increasing number of breast surgeries being performed on both men and women"

Cosmetic surgery of the breast region has long ranked first among all procedures performed by plastic surgeons worldwide, and, of these, breast augmentation surgery ranks first, according to the American Association of Plastic Surgeons (ASAPS), with a total of 299,715 cases recorded for 2019. The importance of specialized knowledge on behalf of the plastic surgeon is evident, since it will be one of the most frequent reasons for consultation in the daily clinic.

Knowing the anatomy of the breast region is the first step in understanding what we can achieve based on the patient's expectations. This allows us to choose between all the surgical technique options at hand: breast implantation and the use or not of complementary treatments, such as fat transfer to the breasts to improve the result that, on its own, a given surgical technique cannot give.

Men, on the other hand, are a new and growing market of clients who come to the office for some type of aesthetic procedure, and the breast region is one of the main ones. The goal for them is to obtain an athletic look. In order to deliver these results we have multiple techniques such as liposuction, male mammary gland surgery and fat transfer to the pectoral muscle.ulo pectoral.

This course has an intense program designed to learn about the technologies, materials and treatments of this discipline and includes 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 training 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 Breast Surgery Aesthetics** includes the most complete and up-to-date scientific program on the market. The most important features of the program include:

- The development of case studies presented by experts in Breast Surgery Aesthetics.
- 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.
- Updates on Breast Surgery Aesthetics.
- Practical exercises where the self-assessment process can be carried out to improve learning.
- Special emphasis on innovative methodologies in Breast Surgery Aesthetics.
- 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, thanks to which you will be able to achieve excellence in the field of body reshaping surgery"

This course is the best investment you can make in selecting a refresher program for two reasons: in addition to updating your knowledge in Facial and Breast Surgery Aesthetics, you will obtain a degree from the leading online university in Spanish: TECH"

Do not hesitate to take this training 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.

Its teaching staff includes professionals belonging to the field of aesthetic plastic surgery, who share their work experience in this training, as well as renowned specialists from prestigious societies and universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train 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 during the academic year. For this purpose, practitioners will be assisted by an innovative interactive video system created by renowned and experienced experts in breast surgery aestheticsy.

02

Objectives

The Postgraduate Certificate in Breast Aesthetic Surgery is designed to facilitate the performance of the professional with the latest advances and newest treatments in the sector, achieving a superior training that allows him to act with total security in the cases that arise in his practice.

At TECH, our objective is to offer you the most complete training in Breast Surgery Aesthetics so that you reach a higher level of training which will propel you to elite professional level"

General Objectives

- Present the Anatomy of the Breast Region from a Surgical Perspective.
- Define Breast Aesthetics and the current Aesthetic Ideal.
- Describe the characteristics of the most frequently used Breast Implants.
- Present the Innovations in Breast Implants currently available to the Plastic Surgeon..
- Establish the basis for Mammoplasty Surgery, Augmentation, Breast Lift, or Mastopexy and Breast Reduction Surgery.
- Describe the Techniques for the Treatment of Tuberous Breasts and the Male Breast Region

Specific Objectives

- Present All the Anatomical Elements of the Breast Region Relevant to the Surgical Technique: those that make up the Breast itself, the Musculature Used for Pocket Formation, and the Characteristics of the Thorax, as well as the Irrigation, Venous–Lymphatic Drainage, and innervation..
- Analyze the proportions of the breast and nipple-areola complex, to understand the Diversity of Aesthetics and Existing Preferences.
- Determine the Current Characteristics of Breast Implants and the Innovations Available to the Plastic Surgeon and their Indication in Breast Surgery.
- Establish, in Augmentation Mammoplasty, Patient Selection, Surgical Approaches, the Creation of Each Specific Pocket and its Indication, as well as the use of Complementary Techniques such as Fat Transfer for Simple Augmentation or Combined with Implants.
- Examine, in Mastopexy, the State of the Breast that will be Taken to Surgery, the Different Scars used according to the Lift to be Performed, as well as the Techniques that use Different Pedicles, and those that use Implants.
- Develop, in Breast Reduction Surgery, the Classification of Hypertrophy, the Different Pedicles Used, and the Existing Complications.
- Describe the Techniques of Tuberous Breast Treatment with and without Breast Implants. Present and Describe the Different Techniques of Breast Symmetrization.
- Establish the Diagnosis and Surgical Treatment of the Male Breast Region.

Learn about the new tools that can be applied in aesthetic plastic surgery and offer a plus of quality to your patients"

03

Course Management

This program includes in its teaching staff leading experts in aesthetic plastic surgery, 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.

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 Aesthetic 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, Aesthetic, and Maxillofacial cirugia (SVCPREM)
- Internship, Centro Médico Docente La Trinidad, Caracas (Venezuela) 2013-2015 Internship in Breast, Body, and Facial Aesthetic cirugia. Microsurgical Reconstruction. Plastic and Reconstructive cirugia Service.
- Internship, University Foundation of Health Sciences (FUCS), Bogotá (Colombia) 2014. Intern in Craniofacial Surgery and Post Bariatric Surgery. Plastic and Reconstructive cirugia 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 contents structure has been designed by the best professionals in the cosmetic surgery sector, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and intervened, and with extensive mastery of new technologies applied to teaching.

This Specialist program contains the most complete and up-to-date scientific program on the market"

Module 1. Aesthetic Surgery of the Mammary Region

1.1. Anatomy of the Mammary Region
- 1.1.1. Introduction
- 1.1.2. Anatomy of the Breast
  - 1.1.2.1. Mammary Parenchyma
  - 1.1.2.2. Nipple-areola Complex
  - 1.1.2.3. Fascial System of the Breast
  - 1.1.2.4. Submammary Sulcus
  - 1.1.2.5. Irrigation
  - 1.1.2.6. Venous Drainage
  - 1.1.2.7. Lymphatic Drainage
  - 1.1.2.8. Innervation
- 1.1.3. Musculature of the Mammary Region
  - 1.1.3.1. Pectoralis Major
  - 1.1.3.2. Pectoralis Minor
  - 1.1.3.3. Serratus
  - 1.1.3.4. Rectus Abdominis
  - 1.1.3.5. Greater Oblique
- 1.1.4. Chest
- 1.1.5. Summary

1.2. Aesthetic Considerations of the Breast
- 1.2.1. Introduction
- 1.2.2. Aesthetic Analysis of the Breast
- 1.2.3. Aesthetic Analysis of the Nipple-areola Complex
- 1.2.4. Thorax and Breast Base
- 1.2.5. Summary

1.3. Types of Breast Prostheses and Implant Selection
- 1.3.1. Introduction
- 1.3.2. Characteristics of Breast Implants
  - 1.3.2.1. According to Shape
  - 1.3.2.2. According to Texture
  - 1.3.2.3. According to Content

1.3.3. Innovations in Breast Implants
1.3.3.1. Ergonomic Prostheses
1.3.3.2. Low Weight Prostheses
1.3.3.3. Polyurethane
1.3.4. Implant Selection
1.3.4.1. Selection Based on Measurements
1.3.4.2. External Testers
1.3.4.3. 3D Virtual Simulation
1.3.5. New Breast Implant Prototypes
1.3.5.1. Use of Meters
1.3.5.2. Techniques Based on Measurements
1.3.5.3. Techniques Based on Virtual Simulation
1.3.6. Summary
1.4. Augmentation Mammoplasty
1.4.1. Introduction
1.4.2. Properative Evaluation
1.4.3. Preoperative Marking
1.4.4. Surgical Technique
1.4.4.1. Types of Incision
1.4.4.2. Areolar
1.4.4.3. Submammary Sulcus
1.4.4.4. Axillary
1.4.5. Pocket Creation
1.4.5.1. Subglandular Pocket
1.4.5.2. Subfascial Pocket
1.4.5.3. Subpectoral Pocket
1.4.5.4. Dual Plane
1.4.6. Breast Augmentation with Autologous Fat
1.4.7. Composite Breast Augmentation
1.4.8. Post-Operative Care
1.4.9. Complications
1.4.10. Summary

1.5. Mastopexy
- 1.5.1. Introduction
- 1.5.2. Classification of Breast Ptosis
- 1.5.3. Mastopexy without Implants
  - 1.5.3.1. Periareolar Mastopexy
    - 1.5.3.1.1. Beneli Periareolar Technique
    - 1.5.3.1.2. Goretex Intercalated Suture Technique
  - 1.5.3.2. Ribeiro Pedicles
    - 1.5.3.2.1. Pedicle I
    - 1.5.3.2.2. Pedicle II
    - 1.5.3.2.3. Pedicle III
    - 1.5.3.2.4. Pedicle IV
    - 1.5.3.2.5. Pedicle V
  - 1.5.3.3. SPAIR Mastopexy
    - 1.5.3.3.1. Mastopexy with Implants
    - 1.5.3.3.2. Post-Operative Care
    - 1.5.3.3.3. Complications
    - 1.5.3.3.4. Summary

1.6. Breast Reduction
- 1.6.1. Introduction
- 1.6.2. Classification of Breast Hypertrophy
- 1.6.3. Patterns in Breast Reduction Surgery
- 1.6.4. Types of Reduction
  - 1.6.4.1. Superior Pedicle
  - 1.6.4.2. Inferior Pedicle
  - 1.6.4.3. Supero-medial Pedicle
  - 1.6.4.4. Medial Pedicle
  - 1.6.4.5. Vertical Bipedicle
  - 1.6.4.6. Breast Amputation plus Nipple-areola Complex Grafting
- 1.6.5. Complications
- 1.6.6. Summary

1.7. Tuberous Breast
- 1.7.1. Introduction
- 1.7.2. Etiology of Tuberous Breast
- 1.7.3. Classification of Tuberous Breast
- 1.7.4. Surgical Technique Step by Step
  - 1.7.4.1. Techniques without Implants
  - 1.7.4.2. Techniques with Implants
- 1.7.5. Post-Operative Care
- 1.7.6. Complications
- 1.7.7. Summary

1.8. Breast Symmetrization
- 1.8.1. Introduction
- 1.8.2. Types of Breast Asymmetry
- 1.8.3. Properative Evaluation
- 1.8.4. Preoperative Marking
- 1.8.5. Choice of Implants
- 1.8.6. Surgical Techniques.
- 1.8.7. Post-Operative Care
- 1.8.8. Complications
- 1.8.9. Summary

1.9. Gynecomastia
- 1.9.1. Introduction
- 1.9.2. Etiology of Gynecomastia
- 1.9.3. Classification of Gynecomastia
- 1.9.4. Surgical Techniques.
  - 1.9.4.1. Liposuction
  - 1.9.4.2. Glandulectomy
  - 1.9.4.3. PullThrough
- 1.9.5. Complications
- 1.9.6. Summary

1.10. Pectoral Augmentation with Implants
- 1.10.1. Introduction
- 1.10.2. Properative Evaluation
- 1.10.3. Implant Selection
- 1.10.4.Preoperative Marking
- 1.10.5. Surgical Technique
- 1.10.6. Post-Operative Care
- 1.10.7. Complications
- 1.10.8. Summary

A unique, key, and decisive training experience to boost your professional development"

05

Methodology

This training provides you with a different way of learning. Our methodology is developed through a cyclical way of learning**: 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.

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 the physician's professional practice.

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:

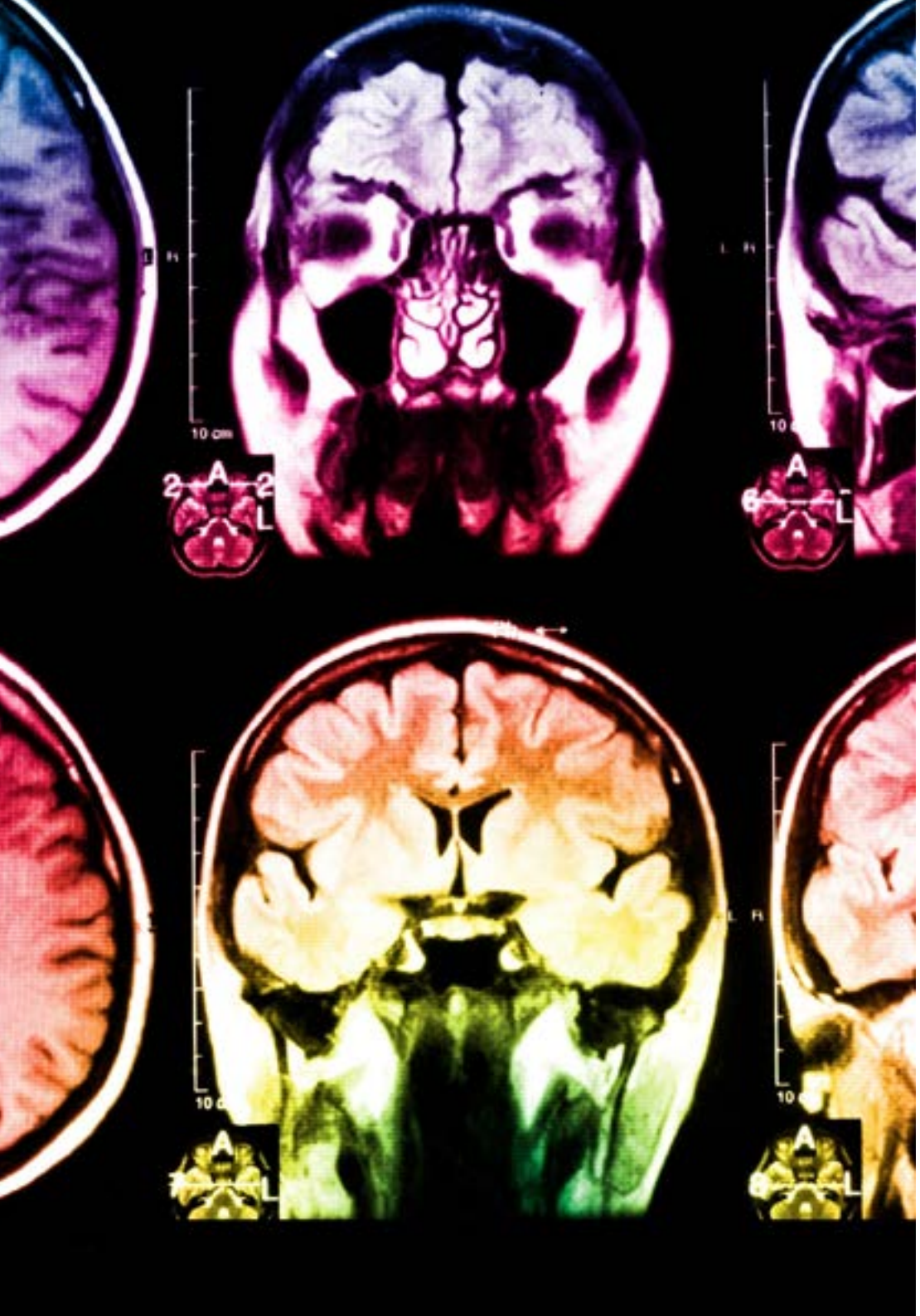
1. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts 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 training, 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.

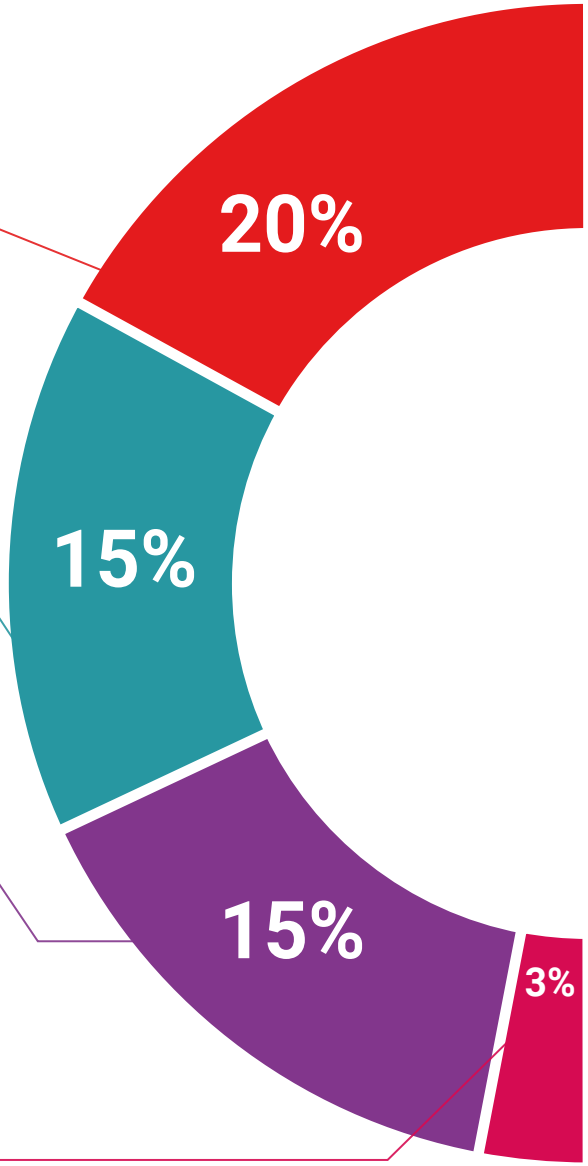
Interactive Summaries

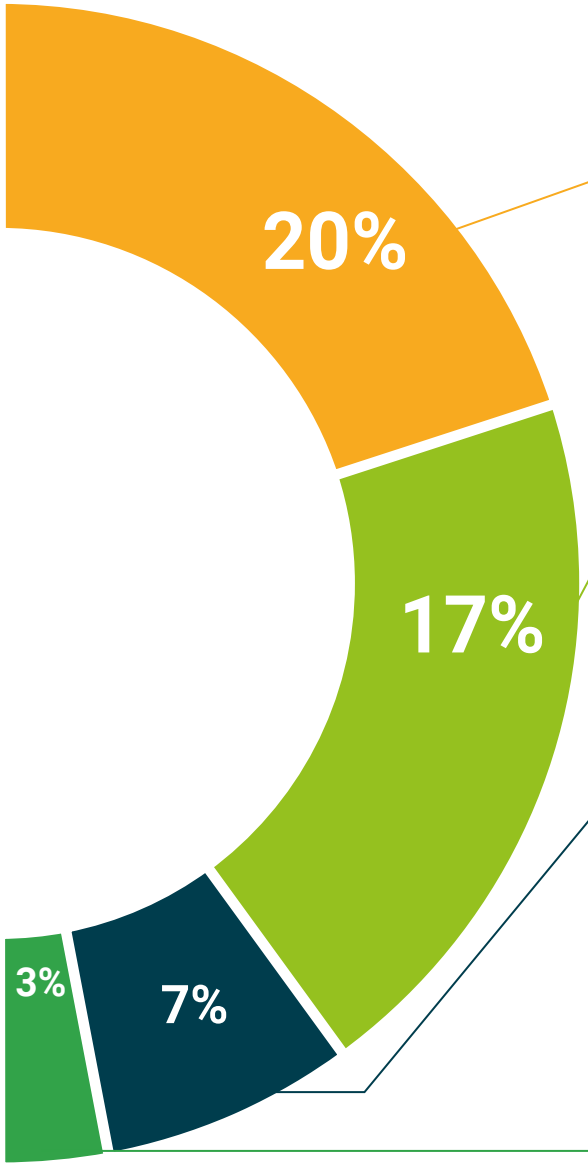
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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

This **Postgraduate Certificate in Breast Surgery Aesthetics** guarantees you, in addition to the most rigorous and up-to-date training, access to a course degree issued by **TECH Technological University .**

Successfully complete this training and receive your university degree without travel or laborious paperwork"

This **Postgraduate Certificate in Breast Surgery Aesthetics** includes the most complete and up-to-date scientific program on the market.

After the student has passed the assessments they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University via tracked delivery.**

The certificate issued by **TECH Technological University** will specify the qualification obtained through the **Postgraduate Certificate**, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Breast Aesthetic Surgery**

ECTS: **6**

Official Number of Hours: **150**


tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Certificate in Breast Aesthetic Surgery

This is a qualification awarded by this University, with 6 ECTS credits and equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro

Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.

Unique TECH Code: AFWORD23S techtitute.com/certificates

*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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Breast Aesthetic Surgery

Course Modality: **Online**
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