Postgraduate Diploma
Major Outpatient Surgery in ENT

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Postgraduate Diploma
Major Outpatient Surgery in ENT

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **18 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-major-outpatient-surgery-ent**

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01
Introduction

One of the specialties that managed to adapt to Major Outpatient Surgery from the very beginning was Otorhinolaryngology. This has allowed frequent interventions in polyps, nodules, tympanic perforations or adenoid hypertrophy to perfect their techniques, favoring the patient and their recovery. For this reason, TECH has created this 100% online program that offers medical professionals a complete update on the most advanced procedures in Otologic, Nasal, Pharyngeal and Laryngeal Surgery through the content elaborated by the best specialists in these areas. In order to successfully achieve this update, the graduate has at their disposal innovative multimedia teaching material, accessible 24 hours a day, from any digital device with an Internet connection.

> *A 6-month academic experience with the most current and advanced information in Major Outpatient Surgery in ENT"*

The consolidation of Otorhinolaryngology in the Major Outpatient Surgery management model has led to an increase in interventions in this area, which do not require hospitalization of the patient. In this sense, the most frequent surgical techniques such as transtympanic drainage, laryngeal microsurgery and Septoplasty have been improved, reducing postoperative complications.

In this line, it is essential that medical professionals are continuously updating their knowledge on diagnostic procedures, patient selection and intervention currently used. Faced with this reality, TECH has created this Postgraduate Diploma in Major Outpatient Surgery in ENT, which allows the specialist to perform an effective update in just 6 months.

An academic journey that will lead the surgeon to be aware of the methodologies used currently to successfully address the main difficulties encountered during the intervention in Otologic, Nasal, Pharyngeal and Laryngeal Surgery. For this purpose, it has an advanced syllabus created by an excellent teaching team made up of true experts in this field.

In addition, the institution provides video summaries of each topic, detailed videos, readings and case studies. In addition to the numerous resources, the Relearning system, based on the repetition of key content, reduces the long hours of study and memorization.

Undoubtedly, an exceptional opportunity for professionals who wish to study a first-class program in a comfortable and flexible way. Students only need an electronic device with an Internet connection to access this program at any time of the day. An ideal option for combining the most demanding responsibilities with cutting-edge instruction.

This **Postgraduate Diploma in Major Outpatient Surgery in ENT** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in General Surgery and Major Outpatient Surgery

- The graphic, schematic, and practical contents which provide scientific and practical information on the disciplines that are essential for professional practice

- Practical exercises where the self-assessment process can be carried out 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

If you have a computer with an Internet connection you will be able to access the syllabus of this program with total freedom"

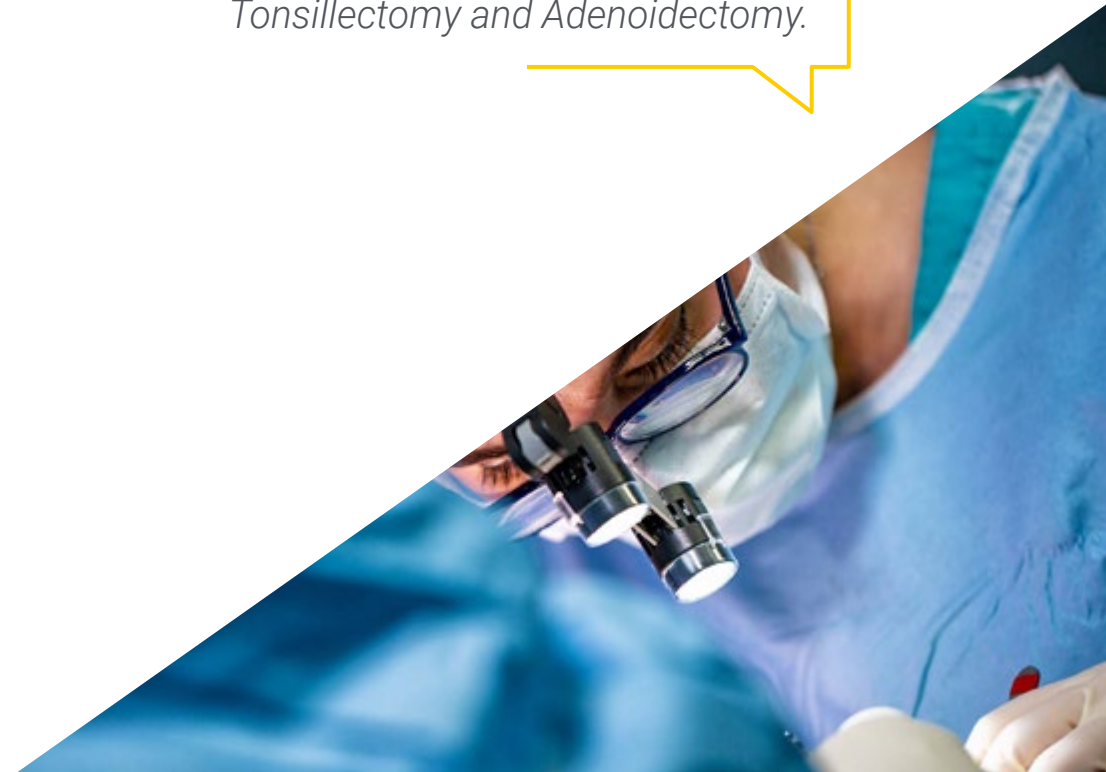*"Delve into the current role of imaging tests in myringoplasty, otosclerosis and cholesteatoma"*

Reduce the hours of memorization with the Relearning system, used by TECH in all its programs.

Thanks to this Postgraduate Diploma you will be aware of the advances achieved in the most recurrent pediatric surgeries: Tonsillectomy and Adenoidectomy.

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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.

This program's design focuses on Problem-Based Learning, through which the professional must try to solve the different professional practice situations that arise during the academic program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

02

Objectives

In this updating process, TECH provides the medical professional with the most sophisticated pedagogical tools with the main objective of achieving a successful update in Major Outpatient Surgery in ENT. Among these resources are numerous clinical case studies that will allow them to integrate into their daily practice the most effective surgical procedures for the main complications in this field. In addition, they will be able to resolve any questions you may have about the content of this program with the excellent specialized teaching staff that integrates it.

> *Delve, whenever you wish, into the scientific research on the main Otologic pathologies with surgical approach in Major Outpatient Surgery"*

General Objectives

- Delve into the different pathologies approached in Major Outpatient Surgery
- Delve into the anatomy and physiology necessary to understand the main procedures in Major Outpatient Surgery
- Delve deeper into the main surgeries in Major Outpatient Surgery
- Improve knowledge on the need for antibiotic prophylaxis in Major Outpatient Surgery
- Provide the tools to know how to manage the thromboembolic approach in Major Outpatient Surgery

The case studies in this program will lead you to integrate into your practice the latest surgical techniques to address Nasal Obstruction Syndrome"

Specific Objectives

Module 1. Otologic Surgery

- Delve into the anatomical and functional basis of the ear
- Identify the main pathologies with a surgical approach in Major Outpatient Surgery
- Delve into the basic surgical procedures in Major Outpatient Surgery
- Indicate the surgical complications of the main surgeries

Module 2. Nasal Surgery

- Identify the generalities of nasal anatomy and physiology
- Describe how nasal flow is measured
- Delve into the surgical techniques of Nasal Obstruction Syndrome
- Describe the fundamental steps of Septoplasty and Turbinoplasty
- Analyze basic endoscopic techniques
- Recognize the surgical complications of major surgeries

Module 3. Pharyngeal and Laryngeal Surgery

- Describe the basic aspects of pharyngeal anatomy and physiology
- Delve into the basics of laryngeal anatomy and physiology
- Detail the key steps of the most common pediatric surgeries: Tonsillectomy and Adenoidectomy
- Delve into the surgical treatment of laryngeal nodules and polyps
- Recognize the surgical complications of major surgeries

03

Course Management

TECH maintains its premise of offering all professionals, quality programs that allow them to obtain an effective update through the best experts. Therefore, in this Postgraduate Diploma, this academic institution has brought together surgeons with extensive experience in Major Outpatient Surgery and Otolaryngology. Their years of experience in this field, as well as their continuous updating are reflected in this complete 6-month program.

Experts in Otorhinolaryngology and Major Outpatient Surgery will lead you during 450 teaching hours to the most complete update in these areas"

Management

Dr. Palacios Sanabria, Jesús Enrique

- Specialist of General Surgery at the Basic General Hospital of Baza-Granada
- General Surgeon in the Bariatric and Metabolic Surgery team at the Canabal Clinic
- General Surgeon at the IDB Clinic in Barquisimeto
- Professor in the Minor Surgery Course at the Andalusian Health Service
- Medical Surgeon by the 'Lisandro Alvarado' Central Western University
- Specialist in General Surgery at the 'Lisandro Alvarado' Central Western University
- Master's Degree in General Surgery and Digestive System Updating

Dr. Montes Martínez, Antonio

- Head of the Major Outpatient Surgery Section at Hospital del Mar
- Head of the Pain Unit of the Institut Ferrán de Reumatología at the Hospital Sanitas CIMA in Barcelona
- Attending Physician of the Pain Unit at the Hospital del Mar in Barcelona
- Doctor of Medicine, Autonomous University of Barcelona
- Degree in Medicine and Surgery from the Central University of Barcelon
- Specialist in Anesthesiology, Resuscitation and Pain Treatment at the Germans Trias i Pujol Hospital in Barcelona
- Co-author of several research articles related to the area of General Surgery

Professors

Dr. Pérez Colmenares, Ámbar Milagros

- Anesthesiology Specialist at the Hospital Básico de Baza in Granada
- Attending Physician of the Anesthesiology Service at the Dr. Antonio María Pineda Central University Hospital
- Head of Anesthesiology at the Decentralized Service of the Dr. Daniel Camejo Acosta Medical and Hospital West Care Center
- Head of Postgraduate Residents of Anesthesiology at the Dr. Antonio María Pineda Central University Hospital
- Professor of the Postgraduate Course of Anesthesiology at UCLA, teaching subjects such as Anesthesia I, Anesthesia II, Anesthesia III and Biophysics applied to Anesthesia
- Degree in Medicine and Surgery, Medical Surgeon, Cum Laude, from Lisandro Alvarado Centralwestern University
- Diploma in Occupational Safety and Health at the Lisandro Alvarado Centralwestern University
- Resident of the Department of Pediatric Surgery at the "Dr. Jesús María Casal Ramos" Hospital
- Resident of Intensive Care Unit at Los Leones Surgical Unit
- Postgraduate Residency in Anesthesiology at the Dr. Antonio María Pineda University Central Hospital

Dr. Morales Barrese, Maite Fabiola

- Family Physician in the Andalusian Health System
- Medical specialist in the General and Intra and Extrahospital Emergency Department
- Specialist in Advanced Aesthetics
- Family Physician specializing in Pediatrics
- Master's Degree in Aesthetic Facial and Body Medicine of the Institute of Aesthetics and Skin

04
Structure and Content

The syllabus of this Postgraduate Diploma has been prepared by an excellent team of specialists in Otorhinolaryngology and Major Surgery, which provides the professional with the latest advances in the performance of surgical interventions in the most frequent pathologies. In this way, students will have access through innovative teaching resources to the most up-to-date content in Pharyngeal, Laryngeal, Nasal and Otologic Surgery. In addition, there is a Virtual Library with access 24 hours a day, 7 days a week.

"

A syllabus designed to offer you the most relevant scientific information on Major Outpatient Surgery in ENT with the best multimedia didactic material"

Module 1. Otologic Surgery

1.1. Anatomy of the Ear
    1.1.1. Descriptive Anatomy of the Ear
    1.1.2. Bony Labyrinth
    1.1.3. Membranous Labyrinth
    1.1.4. Innervation
    1.1.5. Vascularization

1.2. Hearing Physiology
    1.2.1. Physiology of the Middle Ear
    1.2.2. The Organ of Corti
    1.2.3. The Hair Cells
    1.2.4. Cochlear Tonotopy
    1.2.5. Cochlear Micromechanics

1.3. Pathological Anatomy in Otologic Surgery
    1.3.1. Benign Lesions in External Ear
    1.3.2. Malignant Lesions in External Ear
    1.3.3. Benign Lesions in Middle and Inner Ear
    1.3.4. Malignant Lesions in Middle and Inner Ear

1.4. Myringoplasty
    1.4.1. Objectives of the Surgery
    1.4.2. Types
    1.4.3. Technique Description
    1.4.4. Patient Follow-up

1.5. Otosclerosis
    1.5.1. Objectives of the Surgery
    1.5.2. Types
    1.5.3. Technique Description
    1.5.4. Patient Follow-up

1.6. Cholesteatoma
    1.6.1. Objectives of the Surgery
    1.6.2. Types
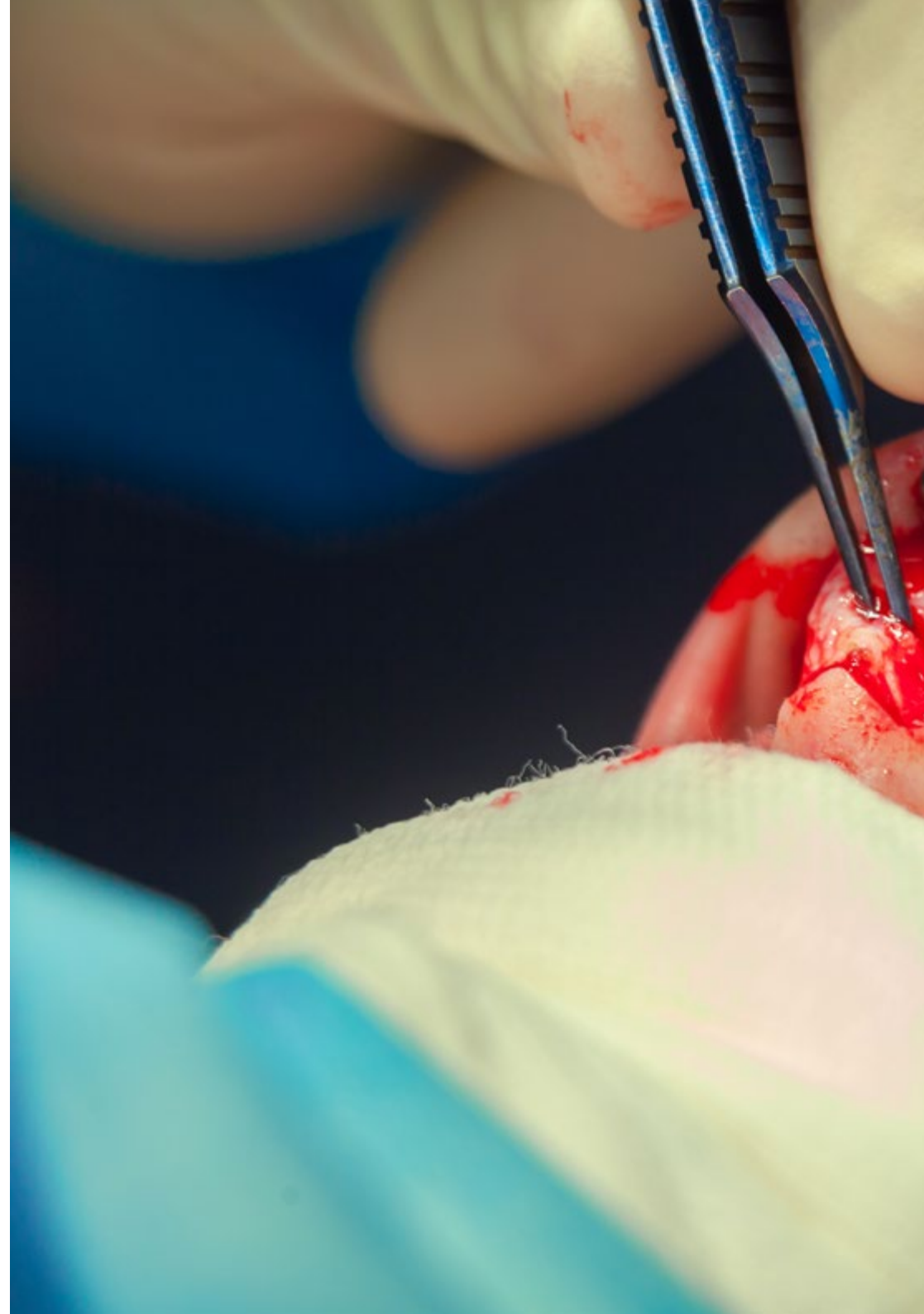   1.6.3. Technique Description
    1.6.4. Patient Follow-up

1.7.   Transtympanic Drainages

1.7.1.   Objectives of the Surgery

1.7.2.   Types

1.7.3.   Technique Description

1.7.4.   Patient Follow-up

1.8.   Complications in Otologic Surgery

1.8.1.   Complications in Myringoplasty

1.8.2.   Complications in Stapedectomy

1.8.3.   Complications in Tympanoplasty

1.8.4.   Complications of Transtympanic Drainages

1.9.   Wound Healing in Otologic Surgery

1.9.1.   Types of Wounds

1.9.2.   Types of Bandage

1.9.3.   Patient Follow-up

1.9.4.   Wound Infections

1.10.   Radiological Study in Otologic Surgery

1.10.1.   Radiological Anatomy of the Middle Ear

1.10.2.   Role of Imaging Tests in Myringoplasty

1.10.3.   Role of Imaging Tests in Otosclerosis

1.10.4.   Role of Imaging Tests in Cholesteatoma

Module 2. Nasal Surgery

2.1.   Surgical Anatomy of the Nasal Cavity

2.1.1.   Roof of the Nasal Cavity

2.1.2.   Floor of the Nasal Cavity

2.1.3.   Entrance Orifice of the Nasal Cavity

2.1.4.   Outlet Orifice of the Nasal Cavity

2.1.5.   Lateral and Medial Wall of the Nasal Cavity

2.1.6.   Vascularization and Innervation of the Nasal Cavity

2.2.   Physiology of the Nasal Cavity

2.2.1.   Respiratory Function

2.2.2.   Conditioning and Defensive Function

2.2.3.   Olfactory Function

2.2.4.   Phonatory Function

2.3.   Histology of the Nasal Cavity

2.3.1.   Histological Basis: the Epithelium

2.3.2.   Histological Basis: Turbinates

2.3.3.   Benign lesions in the Nasal Cavity

2.3.4.   Malignant Lesions in the Nasal Cavity

2.4.   Nasal Airflow Measurement

2.4.1.   Concept of Nasal Airflow

2.4.2.   Subjective Methods

2.4.3.   Objective Methods

2.4.4.   Peak Inspiratory Nasal Flow Meter

2.5.   Turbinate Surgery

2.5.1.   Concept of Turbinate Hypertrophy

2.5.2.   Causes of Turbinate Hypertrophy

2.5.3.   Diagnosis and Treatment of Turbinate Hypertrophy

2.5.4.   Types of Turbinate Surgery

2.6.   Septoplasty

2.6.1.   Nasal Obstruction Syndrome

2.6.2.   Types of Septal Deflection

2.6.3.   Concept and Types of Septoplasty

2.6.4.   Surgery of the Alar Cartilages

2.7.   Endoscopic Nasosinusal Surgery

2.7.1.   Basic Concepts of Endoscopic Surgery

2.7.2.   Approach to the Maxillary Sinus

2.7.3.   Approach to the Ethmoidal Sinus

2.7.4.   Sphenoid Sinus Approach

2.8.   Complications of Nasal Surgery

2.8.1.   Complications of Turbinoplasty

2.8.2.   Complications of Septoplasty

2.8.3.   Complications of Endoscopic Surgery

2.8.4.   Complications of Alar Surgery

Module 3. Pharyngeal and Laryngeal Surgery

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.

"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. 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 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.

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

20%

17%

7%

3%

Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.

06
Certificate

The Postgraduate Diploma in Major Outpatient Surgery in ENT guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Diploma in Major Outpatient Surgery in ENT** 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 Diploma in Major Outpatient Surgery in ENT**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**
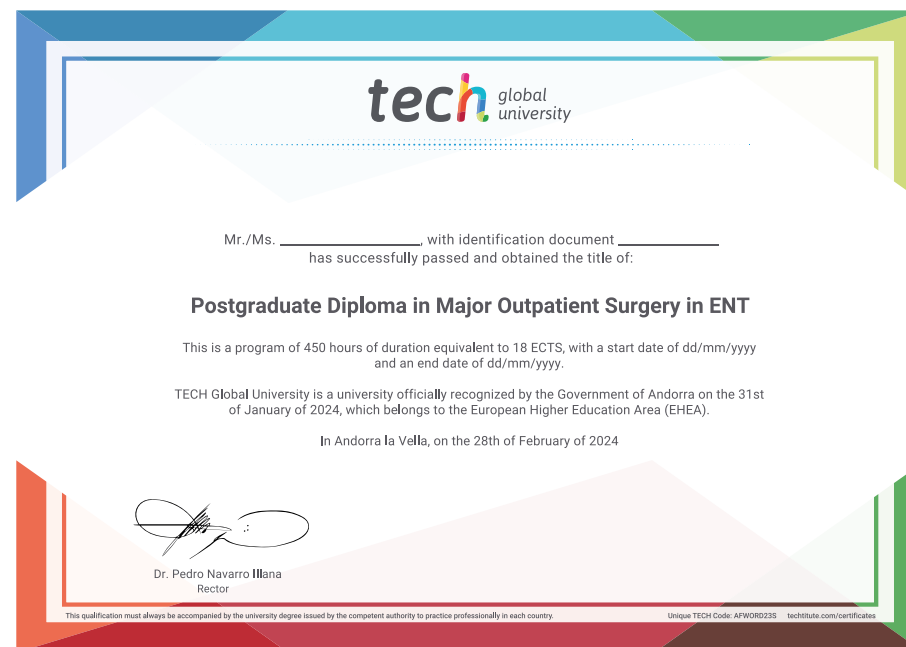
*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

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tech global university

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Major Outpatient Surgery in ENT

This is a program of 450 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

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

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