

# Postgraduate Certificate Pharyngeal and Laryngeal Major Outpatient Surgery





## Postgraduate Certificate Pharyngeal and Laryngeal Major Outpatient Surgery

- » 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/pharyngeal-laryngeal-major-outpatient-surgery](http://www.techtitute.com/in/medicine/postgraduate-certificate/pharyngeal-laryngeal-major-outpatient-surgery)

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# 01

# Introduction

Pharyngeal and Laryngeal Major Outpatient Surgery is an area of medicine that deals with the performance of surgical interventions to treat various conditions, such as benign and malignant lesions and obstructions. The importance of this specialty lies in the need for quick and effective care of complications that may arise in this delicate area such as the larynx. TECH has created a complete program designed to provide students with the most up-to-date surgical techniques, so that they can become experts in this medical field. It is taught in a 100% online format, which guarantees maximum learning efficiency and absolute flexibility so that students can organize academic resources according to their needs.



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*Enroll now with TECH and gain access to multimedia and multichannel resources that offer you a much more enjoyable and interactive learning experience”*

Nowadays, health is a priority issue worldwide, and surgery is one of the most important fields within medicine. Pharyngeal and Laryngeal Major Outpatient Surgery (PLMOS) is a surgical technique that has become an increasingly popular option. This is due to its multiple benefits for patients, including faster recovery and shorter hospital stay.

Therefore, TECH's Postgraduate Certificate in Pharyngeal and Laryngeal Major Outpatient Surgery is an excellent option for those professionals who wish to delve deeper into this surgical technique, with the objective of improving their clinical practice and providing better results to their patients.

The program consists of theoretical and practical teaching covering the main aspects related to Pharyngeal and Laryngeal Major Outpatient Surgery. Some of them are the complications of tonsillectomy, adenoiditis, the different surgical techniques, monitoring and post-operative care.

One of the main features of the Postgraduate Certificate in Pharyngeal and Laryngeal Major Outpatient Surgery is that it is taught 100% online, which allows students to access the information from anywhere and at any time. In addition, the *Relearning* pedagogical methodology is based on collaborative learning, constant feedback and the use of interactive resources, which allows students to acquire knowledge in a more effective and practical way.

This **Postgraduate Certificate in Pharyngeal and Laryngeal Major Outpatient Surgery** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- ♦ Practical cases presented by experts in Pharyngeal and Laryngeal Major Outpatient 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
- ♦ 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



*Acquire advanced surgical skills and become a highly qualified professional in pharyngeal and laryngeal surgery"*

“ *This program gives you flexibility in the organization of academic resources, allowing students to customize their pace of learning according to their needs and time availability*”

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

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

*Enroll and get ready to receive the Relearning methodology that allows you to learn in a practical and collaborative way with other students.*

*With access to multimedia and multichannel resources, learning will be much more versatile and interactive.*



# 02 Objectives

The goal of the Postgraduate Certificate focuses on providing the surgeon with the most effective surgical techniques in the performance of major outpatient interventions in the area of the pharynx and larynx. It also provides teaching in the area of patient selection and care. To successfully achieve these goals, the program uses sophisticated pedagogical tools that employ the most advanced technology in university programs. In this way, students will be able to acquire the knowledge and skills necessary to become experts in this type of operation. For this reason, TECH has established a series of general and specific objectives for the satisfaction of future graduates, as follows:







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*Acquire advanced surgical skills and become a highly qualified professional in Tracheotomy”*



## General Objectives

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- 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





## Specific Objectives

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- 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

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*Enroll now to learn rigorous techniques to perform pharyngeal and laryngeal surgery on an outpatient basis. This knowledge will enable you to improve patient care”*

03

# Course Management

The Postgraduate Certificate in Major Outpatient Surgery has been designed under the direction and teaching staff composed of specialists in these areas, with extensive clinical and research experience. The syllabus includes the latest advances in surgical and diagnostic techniques used by experts in this field. Students will have access to innovative teaching resources and will be able to acquire skills to become specialists in this area of health.





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*If you are looking for comprehensive training in the science of phonation, this Postgraduate Certificate is for you!”*

## 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 Barcelona
- ♦ 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

# 04

## Structure and Content

The focus of this Postgraduate Certificate is to provide medical professionals with the most up-to-date and rigorous information on Pharyngeal and Laryngeal Major Outpatient Surgery. In addition, the syllabus includes the latest evidence on the use of surgical and diagnostic techniques in patients presenting with common pathologies in these areas. Graduates will be able to access innovative teaching resources from any device with an Internet connection, allowing them to acquire the necessary knowledge to become experts in this field.





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*With TECH you will have at your fingertips a wide repertoire of keywords that you will be able to access in the virtual library”*

## Module 1. Pharyngeal and Laryngeal Surgery

- 1.1. Anatomy and Exploration of the Pharynx
  - 1.1.1. Anatomical Basis
  - 1.1.2. Innervation
  - 1.1.3. Irrigation
  - 1.1.4. Exploration
- 1.2. Anatomy and Exploration of the Larynx
  - 1.2.1. Anatomical Basis of the Pharynx
  - 1.2.2. Innervation
  - 1.2.3. Irrigation
  - 1.2.4. Exploration
- 1.3. Physiology of Pharynx and Larynx
  - 1.3.1. Swallowing
  - 1.3.2. Phonation
  - 1.3.3. Breathing
  - 1.3.4. Vocal Acoustics
- 1.4. Pathological Anatomy of Pharyngeal Surgery
  - 1.4.1. Waldeyer's Ring
  - 1.4.2. Pathologic Anatomy of the Palatine Tonsils
  - 1.4.3. Pathologic Anatomy of the Pharyngeal Tonsils
  - 1.4.4. Benign Lesions in Pharynx
- 1.5. Pathologic Anatomy of Laryngeal Surgery
  - 1.5.1. Histological Structure of the Vocal Cord
  - 1.5.2. Basal Membrane
  - 1.5.3. Lamina Propria
  - 1.5.4. Vocal Cord in Children and the Elderly
- 1.6. Tonsillectomy
  - 1.6.1. Definition
  - 1.6.2. Chronic Tonsillitis
  - 1.6.3. Indications
  - 1.6.4. Types





- 1.7. Adenoidectomy
  - 1.7.1. Definition
  - 1.7.2. Adenoiditis
  - 1.7.3. Indications
  - 1.7.4. Types
- 1.8. EndoLaryngeal Microsurgery
  - 1.8.1. Definition
  - 1.8.2. Chronic laryngitis
  - 1.8.3. Indications
  - 1.8.4. Types
- 1.9. Complications and Care of Pharyngeal Surgery
  - 1.9.1. Tonsillectomy Complications
  - 1.9.2. Complications of Adenoidectomy
  - 1.9.3. Tonsillectomy Care
  - 1.9.4. Adenoidectomy Care
- 1.10. Complications and Care of Laryngeal Surgery
  - 1.10.1. Complications of endoLaryngeal Microsurgery
  - 1.10.2. Care of endoLaryngeal Microsurgery
  - 1.10.3. Tracheostomy
  - 1.10.4. Risk Factors for Chronic Laryngitis



*Do you want to implement new surgical skills? At TECH there is a team of outstanding professors who will accompany you at all times in your academic journey”*

05

# Methodology

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

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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

## At TECH, we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. 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.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

*Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*





At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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

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

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



#### Interactive Summaries

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

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



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### 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

This Postgraduate Certificate in Pharyngeal and Laryngeal Major Outpatient Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

This **Postgraduate Certificate in Pharyngeal and Laryngeal Major Outpatient Surgery** contains the most complete and up-to-date scientific 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 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 Pharyngeal and Laryngeal Major Outpatient Surgery**

Official N° of Hours: **150 h.**



\*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.

future  
health confidence people  
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institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development languages  
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**tech** technological  
university

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