

Postgraduate Certificate

Nasal Major Outpatient Surgery





Postgraduate Certificate Nasal Major Outpatient Surgery

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/nasal-major-outpatient-surgery

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01

Introduction

Nasal Major Outpatient Surgery is a medical specialty that has experienced a great advance in the last decades due to technological changes and new surgical tactics. Currently, it is an option increasingly chosen by patients, as it significantly reduces hospitalization and recovery time, and also reduces the risks associated with a surgical intervention. It is in this context that TECH presents an educational program designed to provide surgeons with the most advanced tools and techniques in this field. This program is 100% online and uses the Relearning pedagogical methodology, which facilitates great flexibility in the organization of academic resources.





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Do you want to master Nasal Major Outpatient Surgery? At TECH, the most elementary knowledge is waiting for you, designed by outstanding teachers who will teach you everything you need to know”

Nasal surgery is a medical procedure aimed at the diagnosis and treatment of disorders affecting the nose and paranasal sinuses. With the evolution of surgical techniques, a specialized branch called Major Outpatient Surgery (MOS) has emerged, which allows surgical procedures to be performed on an outpatient basis, without the need for hospitalization. This specializes in performing this type of intervention under local anesthesia or sedation, allowing the patient to return home the same day.

The need to study a Postgraduate Certificate in Nasal Major Outpatient Surgery lies in the growing demand of the population to receive high quality medical care, with less recovery time and fewer risks. In addition, healthcare professionals need to be up-to-date in innovative surgical techniques and procedures that will enable them to provide the most effective and least invasive medical care.

The Postgraduate Certificate in Nasal Major Outpatient Surgery aims to provide students with the knowledge and skills necessary to successfully perform surgical procedures on the nose and paranasal sinuses. The program includes theoretical and practical aspects, with special emphasis on sedation techniques, as well as on the identification and treatment of complications.

The Relearning pedagogical methodology, based on student-centered learning, is used at TECH to provide a dynamic and effective learning experience. Students can access the virtual material at any time and place, and organize themselves to study according to their own pace and needs. The program is 100% online and has a team of specialized tutors to provide guidance and support to students.

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

- ◆ Practical cases presented by experts in Nasal 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 self-assessment can be used 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



Enroll to learn the most innovative techniques in nasal surgery that will make you an expert in the field”

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You will be able to acquire effective communication skills to maintain a good relationship with your patients thanks to the specific terminology you will learn in this program”

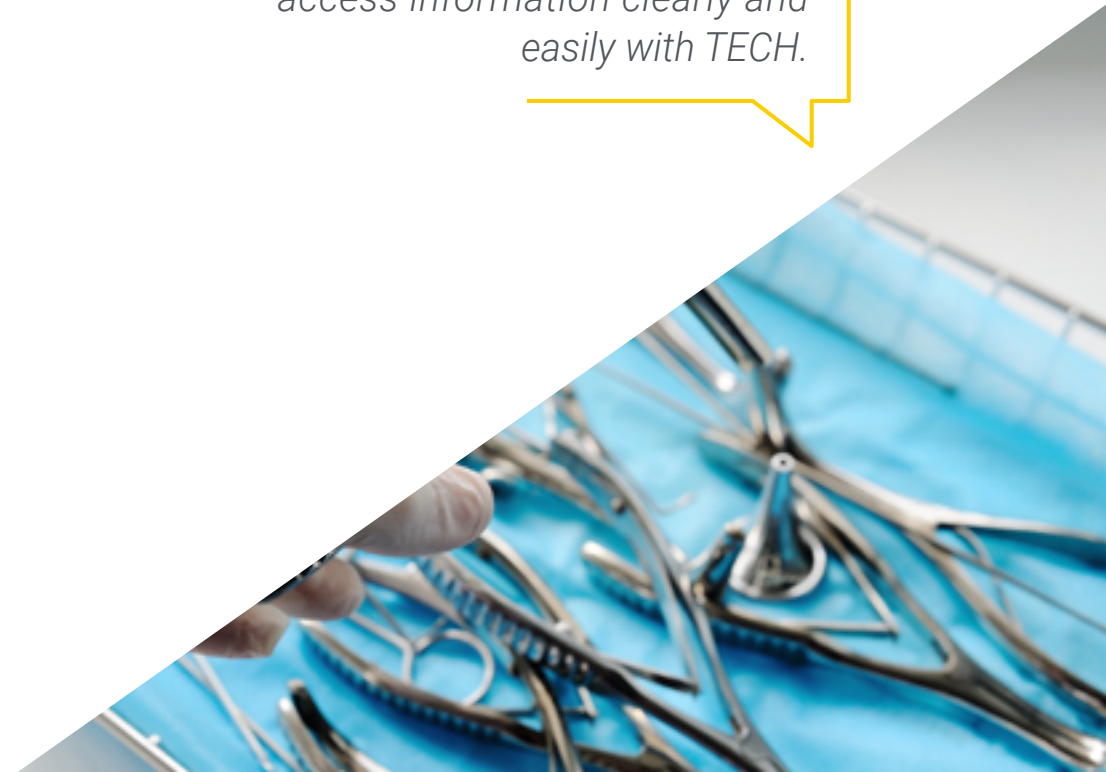
The program's teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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.

You will be able to apply what you have learned in different areas of medicine, therefore, expanding your job possibilities.

Access now to immerse yourself in the multimedia and multichannel resources that will allow you to access information clearly and easily with TECH.



02 Objectives

The main focus of this Postgraduate Certificate is to provide surgeons with the most up-to-date surgical techniques to perform major outpatient interventions in the nasal area. All this together with the most effective procedures for patient selection and care. In order to achieve this, TECH has developed state-of-the-art pedagogical tools using advanced technology in university programs. For this reason, TECH establishes a series of general and specific objectives to improve the satisfaction of the future graduate. These are the following.





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Enroll now to start developing skills for the management of emergency situations and immediate care during surgeries”



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





Specific Objectives

- ◆ 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



You will learn to recognize nasal pathologies and carry out accurate diagnoses”

03

Course Management

This program has a specialized and multidisciplinary teaching staff made up of renowned professionals in surgery focused on types of septal deviation. This teaching staff has extensive clinical and research experience, and has been responsible for designing an up-to-date syllabus with the latest advances in surgical techniques used by the real experts. Therefore, the graduate of the Postgraduate Certificate will be able to obtain an exhaustive and direct vision of the most advanced surgical tactics in nasal outpatient surgery.





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You will be able to apply the knowledge learned for the prevention and treatment of nasal diseases”

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



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

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You will learn first-hand about the working reality of the area, in a demanding and rewarding environment”

04

Structure and Content

This Postgraduate Certificate is designed to provide medical professionals with the latest information on nasal surgery. The module focuses on providing specific knowledge about the anatomy and physiology of the nasal cavities. It also teaches airflow measurement, turbinate surgery and septoplasty. In addition, endoscopic nasosinus surgery, its approaches and complications, as well as the necessary care after surgery are also covered. Students will be provided with innovative teaching resources that can be easily accessed from an electronic device with an Internet connection to continue their education in this important field of medicine.





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After completing the program, you will be able to perform nasal outpatient surgeries with a high degree of efficiency and safety”

Module 1. Nasal Surgery

- 1.1. Surgical Anatomy of the Nasal Cavity
 - 1.1.1. Roof of the Nasal Cavity
 - 1.1.2. Floor of the Nasal Cavity
 - 1.1.3. Entrance Orifice of the Nasal Cavity
 - 1.1.4. Outlet Orifice of the Nasal Cavity
 - 1.1.5. Lateral and Medial Wall of the Nasal Cavity
 - 1.1.6. Vascularization and Innervation of the Nasal Cavity
- 1.2. Physiology of the Nasal Cavity
 - 1.2.1. Respiratory Function
 - 1.2.2. Conditioning and Defensive Function
 - 1.2.3. Olfactory Function
 - 1.2.4. Phonatory Function
- 1.3. Histology of the Nasal Cavity
 - 1.3.1. Histological Basis: the Epithelium
 - 1.3.2. Histological Basis: Turbinates
 - 1.3.3. Benign lesions in the Nasal Cavity
 - 1.3.4. Malignant Lesions in the Nasal Cavity
- 1.4. Nasal Airflow Measurement
 - 1.4.1. Concept of Nasal Airflow
 - 1.4.2. Subjective Methods
 - 1.4.3. Objective Methods
 - 1.4.4. Peak Inspiratory Nasal Flow Meter
- 1.5. Turbinate Surgery
 - 1.5.1. Concept of Turbinate Hypertrophy
 - 1.5.2. Causes of Turbinate Hypertrophy
 - 1.5.3. Diagnosis and Treatment of Turbinate Hypertrophy
 - 1.5.4. Types of Turbinate Surgery
- 1.6. Septoplasty
 - 1.6.1. Nasal Obstruction Syndrome
 - 1.6.2. Types of Septal Deflection
 - 1.6.3. Concept and Types of Septoplasty
 - 1.6.4. Surgery of the Alar Cartilages



- 1.7. Endoscopic Nasosinusual Surgery
 - 1.7.1. Basic Concepts of Endoscopic Surgery
 - 1.7.2. Approach to the Maxillary Sinus
 - 1.7.3. Approach to the Ethmoidal Sinus
 - 1.7.4. Sphenoid Sinus Approach
- 1.8. Complications of Nasal Surgery
 - 1.8.1. Complications of Turbinoplasty
 - 1.8.2. Complications of Septoplasty
 - 1.8.3. Complications of Endoscopic Surgery
 - 1.8.4. Complications of Alar Surgery
- 1.9. Cures and Care of Nasal Surgery
 - 1.9.1. Cures and Care of Turbinoplasty
 - 1.9.2. Cures and Care of Septoplasty
 - 1.9.3. Cures and Care of Alar Surgery
 - 1.9.4. Cures and Care of Endoscopic Surgery
- 1.10. Radiological Study in Nasal Surgery
 - 1.10.1. Basic Anatomy in CT of the Sinus
 - 1.10.2. The Role of Simple Radiography in Nasal Surgery
 - 1.10.3. The Role of CT in Nasal Surgery
 - 1.10.4. The Role of MRI in Nasal Surgery

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With TECH's Relearning methodology, you will be able to reinforce your knowledge and strengthen your skills in an optimal way”

05

Methodology

This academic program offers students a different way of learning. Our methodology follows a cyclical learning process: **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 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

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

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 prepared with unprecedented success in all clinical specialties regardless of surgical load. Our educational 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 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.





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 assess and re-assess 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 Nasal Major Outpatient Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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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 Certificate in Nasal Major Outpatient Surgery** 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.

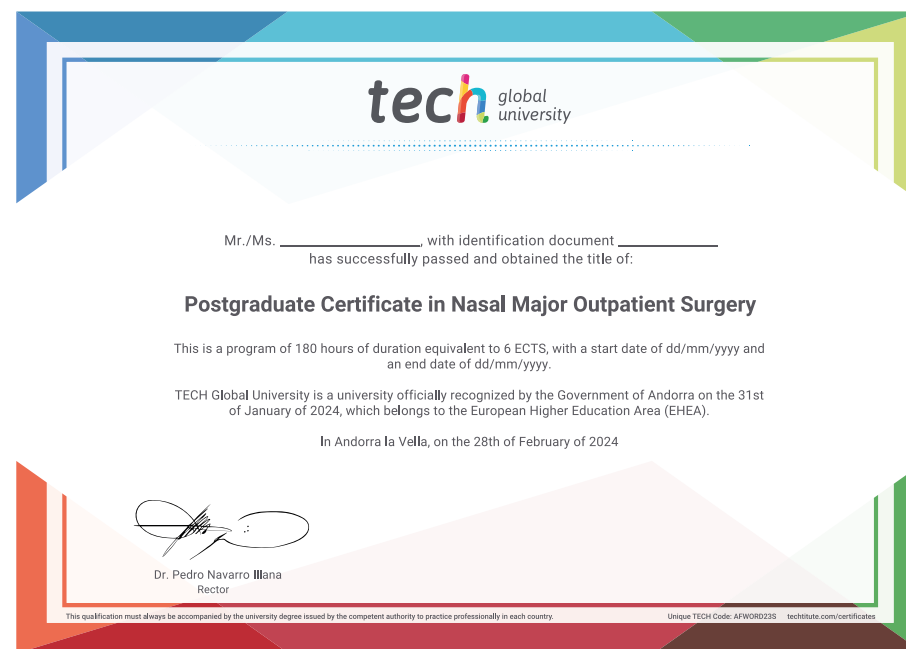
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Nasal Major Outpatient Surgery**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 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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