Postgraduate Certificate

Otologic Major Outpatient Surgery

tech technological university

Postgraduate Certificate

Otologic 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/us/medicine/postgraduate-certificate/otologic-major-outpatient-surgery**

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01
Introduction

Otologic Major Outpatient Surgery is a medical specialty that deals with the surgical treatment of diseases of the ear. This area is of great importance, since diseases of this type can affect people's well-being, particularly their hearing ability. Therefore, there is a need for qualified specialists who are well trained to perform skilled surgical procedures in this field. It is an online program that focuses on the training of specialists in this field. The Relearning pedagogical methodology is employed to provide quality and up-to-date education to students, and academic resources are available to be organized in a flexible manner.

Do you want to learn the most up-to-date surgical techniques in otology? With this Postgraduate Certificate you will find first-class professors who will teach you everything you need to know"

Otology is a field of medicine that focuses on the diagnosis and treatment of diseases of the ear, including infections, injuries and hearing disorders. Its importance lies in the fact that diseases of the ear can significantly affect people's quality of life, particularly their ability to hear and communicate.

The Postgraduate Certificate in Otologic Major Outpatient Surgery is an online educational program that focuses on teaching these topics to specialists in this area. The program is designed to provide students with the knowledge and skills necessary to perform complex surgical procedures on an outpatient basis.

At TECH, students will learn about the latest techniques and advances in otologic procedures, including the management of hearing loss, eardrum reconstruction, temporal bone surgery, among others. The program is structured in modules ranging from the anatomy and physiology of the ear to the most complex surgical procedures.

One of the distinctive features of the Postgraduate Certificate in Otologic Major Outpatient Surgery is that it is taught online, which means that students can access the materials at any time and place. In addition, the Relearning pedagogical methodology is used to ensure that students are always up-to-date with the latest developments in the field.

This **Postgraduate Certificate in Otologic 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 Otologic 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

Would you like to improve your surgical skills in otology? With this program you will be able to learn the most effective procedures for patient care"

Do you want to learn effectively? With the Relearning pedagogical method you will be able to acquire new knowledge in an easy and enjoyable way.

Do you need flexibility in your study schedule? With TECH, you will be able to organize your academic resources according to your availability"

Enroll to expand your knowledge in transtympanic drainage without leaving home. This program is 100% online!
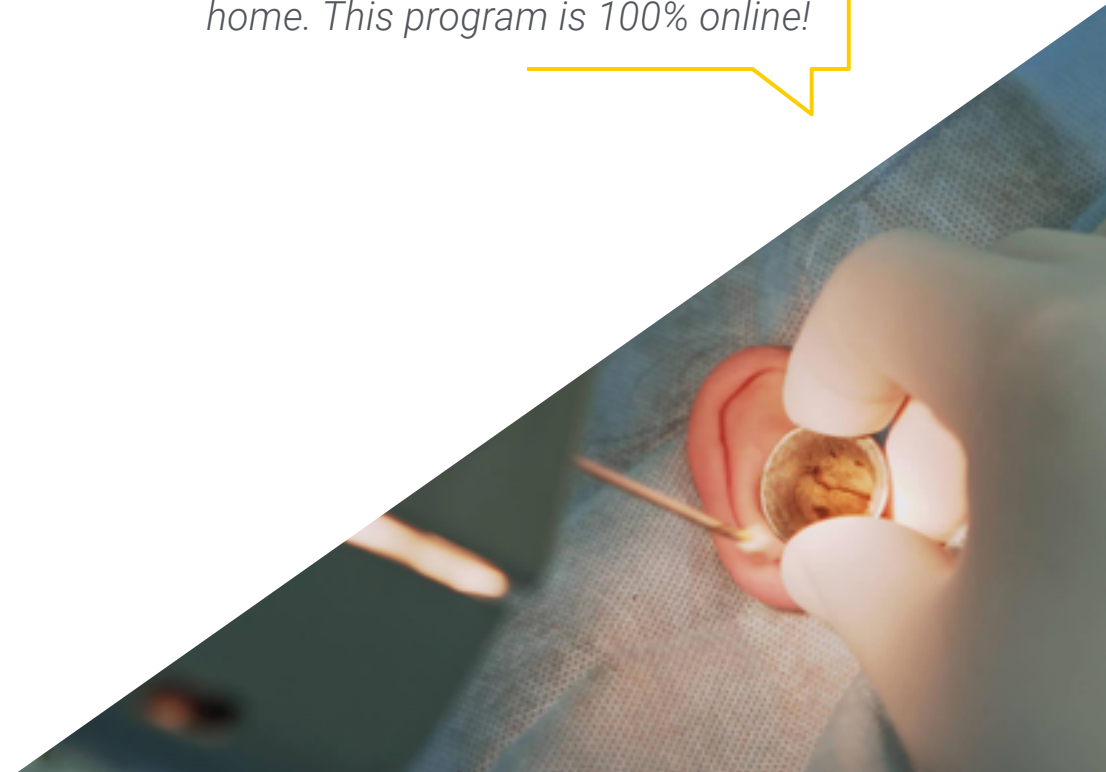
The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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.

02
Objectives

The objective of this Postgraduate Certificate is to provide otology specialists with the most current surgical techniques and procedures for the diagnosis and treatment of ear diseases. To successfully achieve this purpose, TECH provides students with the most advanced pedagogical tools, in which the most sophisticated technology in university education in otology has been used. Graduates will be able to perform surgical procedures and patient care using the most advanced and effective techniques in the field of otology.

Our goal at TECH is you: give your career the boost it needs and specialize in otologic 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

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

Register now to be at the forefront of surgical techniques in otology. This Postgraduate Certificate will give you the opportunity to learn the most advanced techniques in the field"

03

Course Management

The directors and teaching staff of this Postgraduate Certificate are highly specialized professionals in Otology, Otorhinolaryngology and other medical areas related to the ear. It is a multidisciplinary team with extensive clinical and research experience in the diagnosis and treatment of diseases of the inner, middle and outer ear. As well as disorders associated with the auditory nerve. The syllabus is comprehensive and detailed, covering the most advanced surgical and medical techniques taught by leading experts in the field of otology.

"

Do you want to be part of a community of students and teaching staff committed to learning otologic major outpatient surgery? This program 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

Professors

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

Make the most of this opportunity to learn about the latest advances in this field in order to apply it to your daily practice"

04
Structure and Content

The academic program of this Postgraduate Certificate has been carefully elaborated with the objective of providing medical professionals with the most up-to-date knowledge on outpatient ear surgery. Patients presenting with various problems related to the auditory nerve will be treated by highly qualified TECH graduates. In addition, innovative teaching resources, which can be easily accessed from an electronic device, provide a personalized and convenient learning environment for students wherever and whenever they wish.

Access this Postgraduate Certificate now and start getting more job opportunities in the field of benign lesions in the middle and inner ear"

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

With TECH you will be able to acquire the necessary knowledge to stand out in the medical field of myringoplasty complications"

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.

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 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.

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
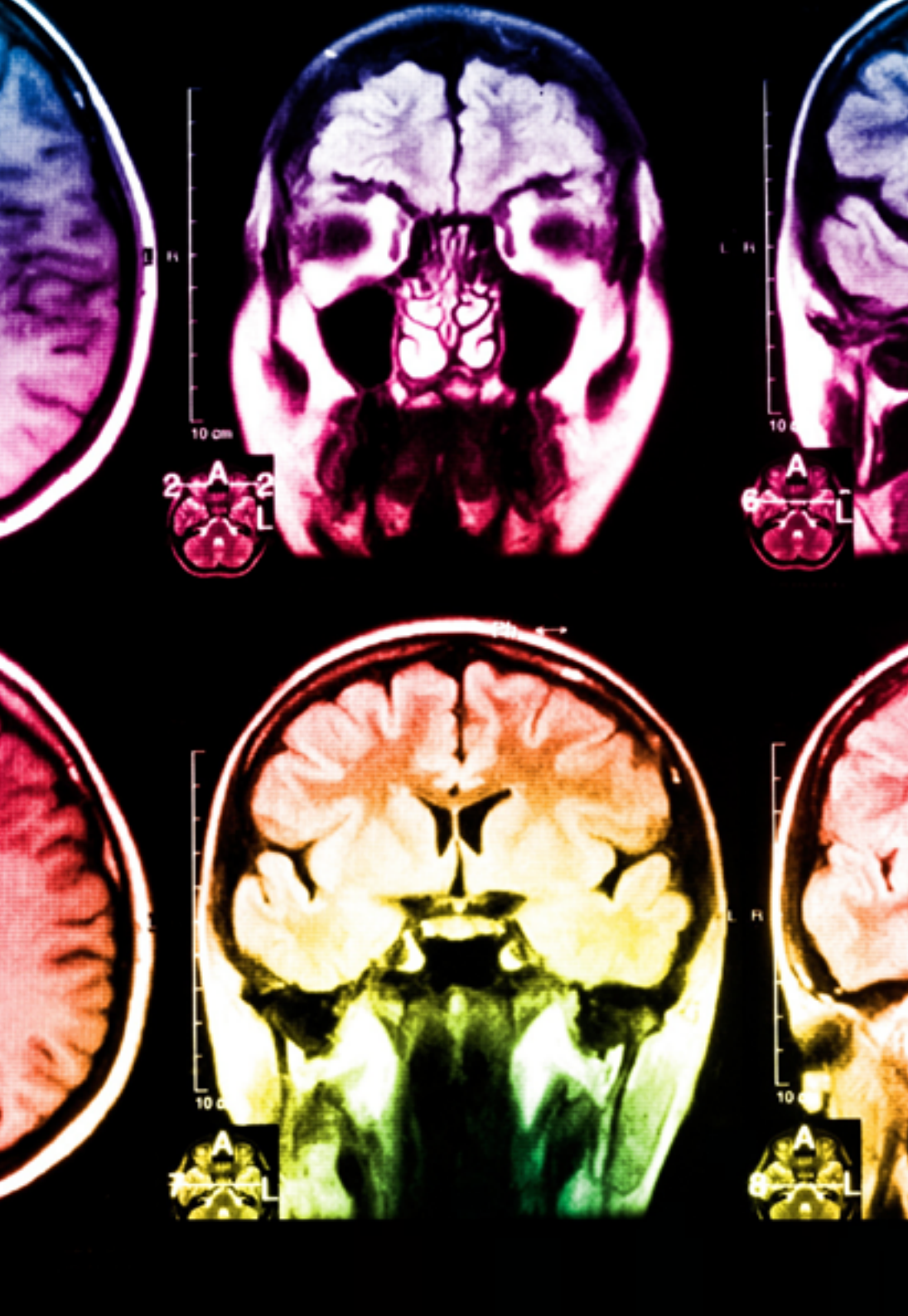
08 competencies testing (retesting)

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 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.

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 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 Otologic 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.

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

This **Postgraduate Certificate in Otologic Major Outpatient Surgery** contains 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 diploma 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 Otologic Major Outpatient Surgery**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following

DIPLOMA

to

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

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Otologic Major Outpatient Surgery

This is a qualification awarded by this University, 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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