

# Postgraduate Certificate

## Update on ORL Infections in Childhood



## Postgraduate Certificate

### Update on ORL Infections in Childhood

Course Modality: Online

Duration: 6 weeks

Certificate: TECH - Technological University

6 ECTS Credits

Teaching Hours: 150

Website: [www.techitute.com/us/medicine/postgraduate-certificate/update-oral-infections-childhood](http://www.techitute.com/us/medicine/postgraduate-certificate/update-oral-infections-childhood)

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# 01

# Introduction

ORL infections in childhood present a high prevalence in General Medicine and specialist consultations. Advances in science have incorporated new ways and techniques to address it. This Postgraduate Certificate will give you access to the most interesting quality and contrasted updates in the ORL medical panorama, gathered in one place.





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*The most complete update on ORL Infections in Childhood, in a complete and efficient Postgraduate Certificate”*

Within general medical care and, more specifically pediatric care, infectious pathology in childhood takes up a large part of the workload. This module offers an update on this very prevalent pathology, including the sources to keep updated in this field, as well as the guidelines for managing these patients.



*One of the most frequent issues in primary medicine, with all the updates and advances at your fingertips and all in one place"*

This **Postgraduate Certificate Update on ORL Infections in Childhood** offers you the characteristics of a high-level scientific, teaching, and technological course. These are some of its most notable features:

- ◆ Latest technology in online teaching software.
- ◆ Highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand.
- ◆ Practical cases presented by practising experts.
- ◆ State-of-the-art interactive video systems.
- ◆ Teaching supported by telepractice.
- ◆ Continuous updating and recycling systems.
- ◆ Self-regulating learning: full compatibility with other occupations.
- ◆ Practical exercises for self-evaluation and learning verification.
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums.
- ◆ Communication with the teacher and individual reflection work.
- ◆ Content that is accessible from any fixed or portable device with an Internet connection.
- ◆ Supplementary documentation databases are permanently available, even after the course.

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*The quality of this training ensures that you will be trained in the most relevant aspects of current developments in this field”*

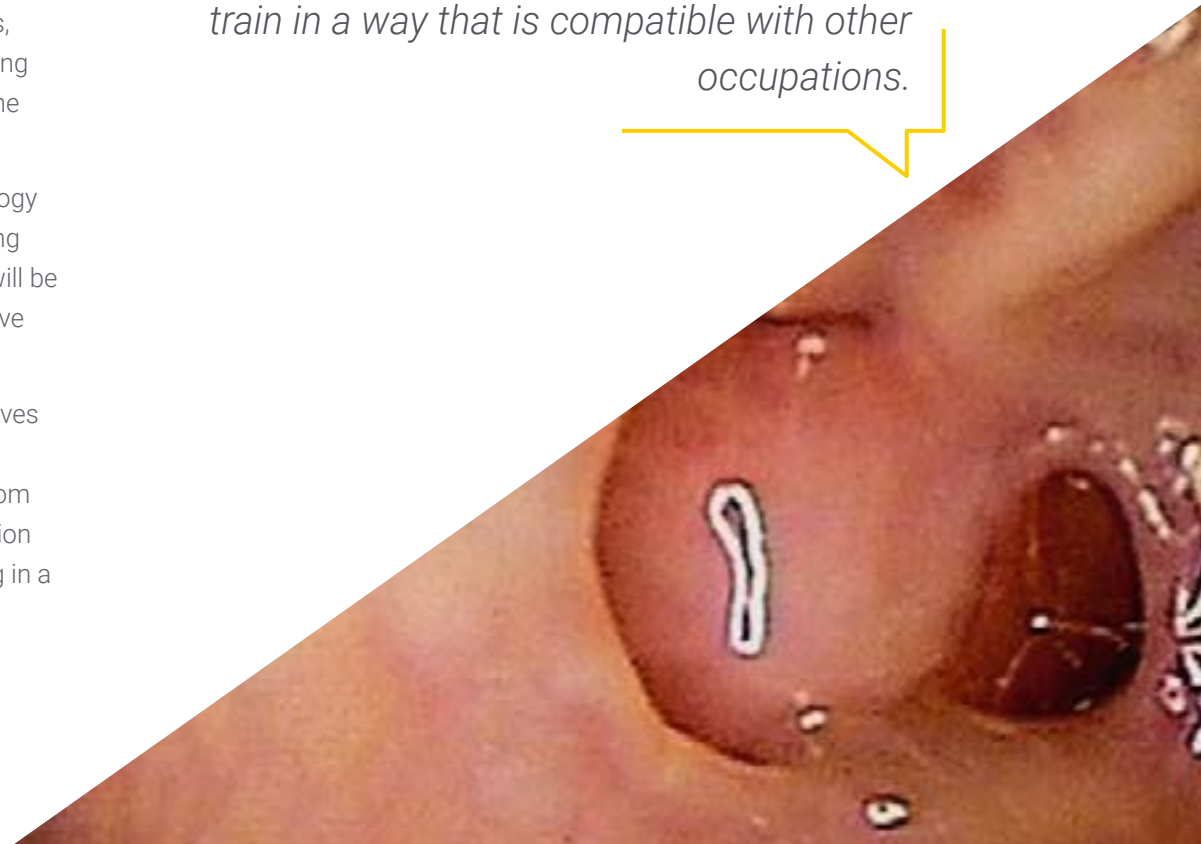
Our teaching staff is composed of medical professionals, practising specialists. In this way, we ensure that we provide you with the training update we are aiming for. A multidisciplinary team of doctors trained and experienced in different environments, who will develop the theoretical knowledge in an efficient way, but, above all, will bring their practical knowledge derived from their own experience to the course: one of the differential qualities of this training.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this course. Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. This way, you will be able to study with a range of comfortable and versatile multimedia tools that will give you the operability you need in your training.

The program design is based on Problem-Based Learning: an approach that conceives learning as an eminently practical process; to achieve this remotely, we will use telepractice: with the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were facing the situation you are learning in person. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

*With a methodological design based on proven teaching techniques, this Postgraduate Certificate will take you through different approaches to allow you to learn in a dynamic and effective way.*

*Efficiency-based learning on the fundamental premise of total flexibility, allowing you to train in a way that is compatible with other occupations.*



# 02 Objectives

The objective of this training is to enable you to reach a high intervention capacity in frequent ORL infection cases that professionals treat every year. Through a training program created to specialize you in a progressive and constant way, you will learn and integrate the new developments that have been taking place in this area of intervention.







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*Get updated in treatments and intervention in ORL Infections in Childhood with this complete Postgraduate Certificate of high educational impact”*



## General Objective

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- ◆ Completely update your knowledge on the different aspects and interventions in in ORL Infections in Childhood.





## Specific Objectives

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- ◆ Understand infectious pathology in childhood, including the general aspects of the immune system in the airway of a child and the antibiotic guidelines.

03

# Course Management

This academic program includes the most specialized teaching staff in the current educational market. They are specialists selected by TECH to develop the whole syllabus. In this way, starting from their own existence and the latest evidence, they have designed the most up-to-date content that provides a guarantee of quality in such a relevant subject.



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*TECH offers the most specialized teaching staff in the field of study. Enroll now and enjoy the quality you deserve”*

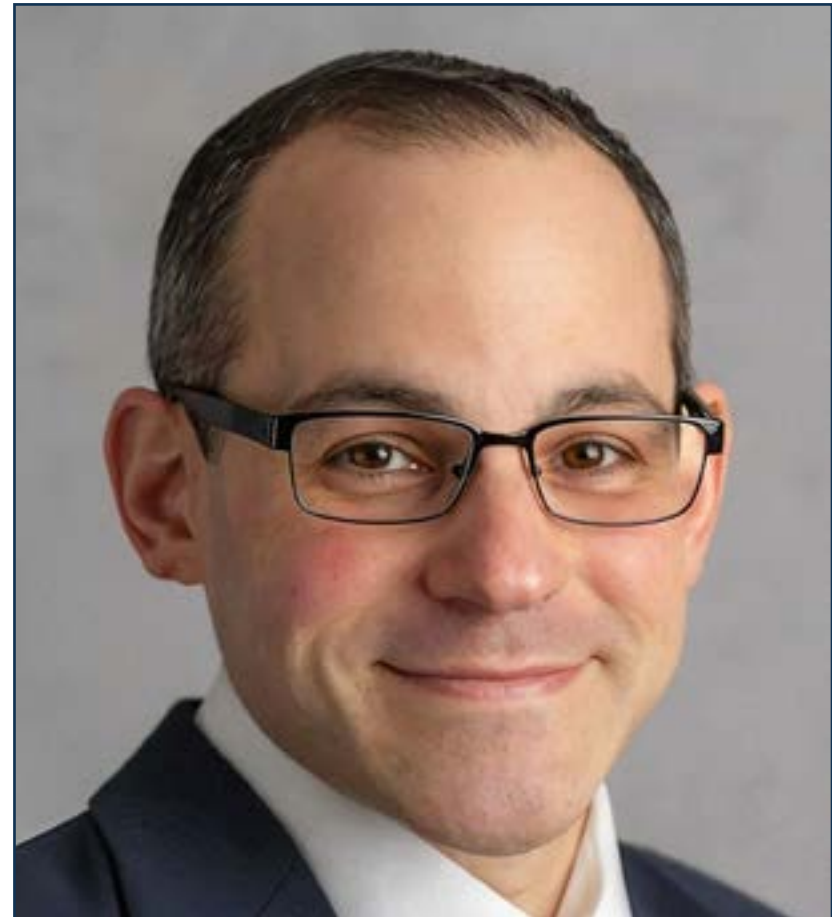
## International Guest Director

Dr. Jacob Brodsky is a leading pediatric otolaryngologist, internationally recognized for his expertise in the medical and surgical management of Middle and Inner Ear Diseases in children. He also directs the Balance and Vestibular Program at Boston Children's Hospital, one of the leading pediatric programs in this field worldwide. Being trained primarily in Endoscopic Ear Surgery (EES), he has revolutionized treatment standards by allowing less invasive surgeries and faster recovery for pediatric patients with conditions such as Hearing Loss, Cholesteatoma and Chronic Otitis Media.

In addition to his outstanding clinical practice, he has contributed significantly to the advancement of scientific knowledge in his field, being a prolific author of numerous publications and a regular speaker at both national and international congresses. In this way, his research has focused especially on the effects of Concussion and Head Trauma on the Inner Ear, topics that he has addressed from his position as Coordinator of the Multidisciplinary Concussion Clinic at Boston Children's Hospital.

In fact, his studies have ranged from the evaluation of vestibular function in children with concussions to the impact of cochlear implants on the quality of life of pediatric patients. In addition, his training has included a fellowship in Pediatric Otolaryngology at Boston Children's Hospital in conjunction with Harvard Medical School.

As such, Dr. Jacob Brodsky's influence in pediatric otolaryngology has extended beyond clinical practice, contributing to the development of therapies to improve the quality of life of children with Hearing and Vestibular Disorders. Likewise, his commitment to academic excellence and compassionate care has placed him at the forefront of children's health care worldwide.



## Dr. Brodsky, Jacob

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- Director of the Balance and Vestibular Program at Boston Children's Hospital, Boston, United States
- Coordinator of the Multidisciplinary Concussion Clinic at Boston Children's Hospital of Boston
- Academic of Otolaryngology and Head and Neck Surgery at Harvard Medical School
- General Board Certification by the American Board of Otolaryngology
- Fellow in Pediatric Otolaryngology from Harvard Medical School and Boston Children's Hospital
- Medical Degree from the University of Massachusetts

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*Thanks to TECH, you will be able to learn with the best professionals in the world”*

04

# Structure and Content

The contents of this Postgraduate Certificate have been developed by the different experts on the program, with a clear purpose: to ensure that our students acquire each and every one of the necessary skills to become true experts in this field.

A complete and well-structured program that will take you to the highest standards of quality and success.







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*An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during your training: a unique opportunity not to be missed”*

### Module 1. Update on ORL Infections in Childhood

- 1.1. General Aspects of Defensive and Immune Mechanisms of the Airway in childhood
- 1.2. Childhood Rhinopharyngitis
- 1.3. Childhood Tonsillitis
- 1.4. Childhood Laryngitis
- 1.5. Childhood Sinusitis and Complications
- 1.6. Acute Otitis Media and Mastoiditis in Childhood
- 1.7. Chronic Otorrhea and Recurrent Otitis in Childhood
- 1.8. Adenitis and Adenomegaly in Children
- 1.9. Mumps and Adenomegaly in Children
- 1.10. Therapeutic and Antibiotic Strategy in Childhood





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*A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with your personal and professional life"*

# 05

# Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

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 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

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 can experience a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gervas, 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.

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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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their 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.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

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 simple 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 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).

Over 250,000 physicians have been trained using this methodology, with unprecedented success in all clinical specialties regardless of surgical load. This teaching methodology is developed in a highly demanding environment, with a university student body of high 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 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 really 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 multimedia content presentation training Exclusive system 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

The student's knowledge is periodically assessed and re-assessed throughout the program, through evaluative and self-evaluative activities and exercises: in this way, students can check how they are doing in terms of achieving their goals.



#### Classes

There is scientific evidence on the usefulness of learning by observing experts: The system termed Learning from an Expert strengthens knowledge and recall capacity, and generates confidence in the face of difficult decisions in the future.



#### 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 Certificate Update on ORL Infections in Childhood guarantees, in addition to the most rigorous and up-to-date training, access to a qualification issued by TECH - Technological University.





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*Successfully complete this training program and receive your diploma without travel or laborious paperwork”*

This **Postgraduate Certificate Update on ORL Infections in Childhood** is the most complete and up-to-date scientific program on the market.

After passing all the assessments in this course, the student will receive their corresponding **certificate** from **TECH Technological University**.

This qualification contributes significantly to the professional's continuing education and enhances their training with a highly regarded university syllabus, and is 100% valid for all public examinations, professional careers and job vacancies.

Title: **Postgraduate Certificate Update on ORL Infections in Childhood**

ECTS: **6**

Official Number of Hours: **150**



\*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.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development languages  
virtual classroom



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