

# Postgraduate Certificate

## Facial Paralysis in ORL





## Postgraduate Certificate Facial Paralysis in ORL

- » 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/facial-paralysis-oral](http://www.techtute.com/us/medicine/postgraduate-certificate/facial-paralysis-oral)

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01

# Introduction

Scientific and medical updates have provided ORL professionals with new and more effective ways to address facial palsy. This program has been created to respond to the need for a complete and up-to-date course, bringing together all the developments and advances that medical professionals need to know into one single training course.





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*All the advances and novelties in the field of facial paralysis treatment for ORL professionals”*

Facial Palsy is a very prevalent symptom, which otorhinolaryngologists evaluate in cases of peripheral paralysis. Until not long ago the attitude was quite conservative, but multidisciplinary units are becoming more and more common, allowing a more comprehensive approach to this pathology. However, the facial nerve pathway belongs to ORL since it stems from the brainstem, from the internal auditory canal, the mastoid, the parotid cell and the cervicofacial region.

This module presents the most recent advances in facial palsy management from an otolaryngological point of view, a field in which ORL specialists should be interested, as they are the best qualified to treat this pathology.



*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 in Facial Paralysis in ORL** is the most complete and updated scientific program on the market. The most important features include:

- ♦ 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 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 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 design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice learning: 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 actually dealing with the scenario you are learning about. 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 teaching approaches to allow you to learn in a dynamic and effective way.*



# 02

# Objectives

The objective of this training is to update you in facial paralysis treatment in ORL.

Through a training created to specialize you in a progressive and constant way, you will learn and integrate the new developments in the work of otorhinolaryngology that have been taking place in the field.







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*If your goal is to take a step toward achieving the highest medical quality, this course is for you: A training program that aspires to excellence”*



## General Objective

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- Completely update your knowledge on the different aspects and interventions in Facial Palsy in ORL.







## Specific Objectives

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- ◆ Gain a deeper understanding of facial nerve pathology, its origin and how it manifests itself, how to assess it and how to interpret the studies to evaluate the best indication. This can be in the acute phase or in the phase where a deformity is already present, where effective corrective treatments can be proposed.

03

# Course Management

For our course to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.







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*The impressive teaching staff at TECH, specialized by professionals from different areas of expertise, will be your teachers during your specialization: a unique opportunity not to be missed”*

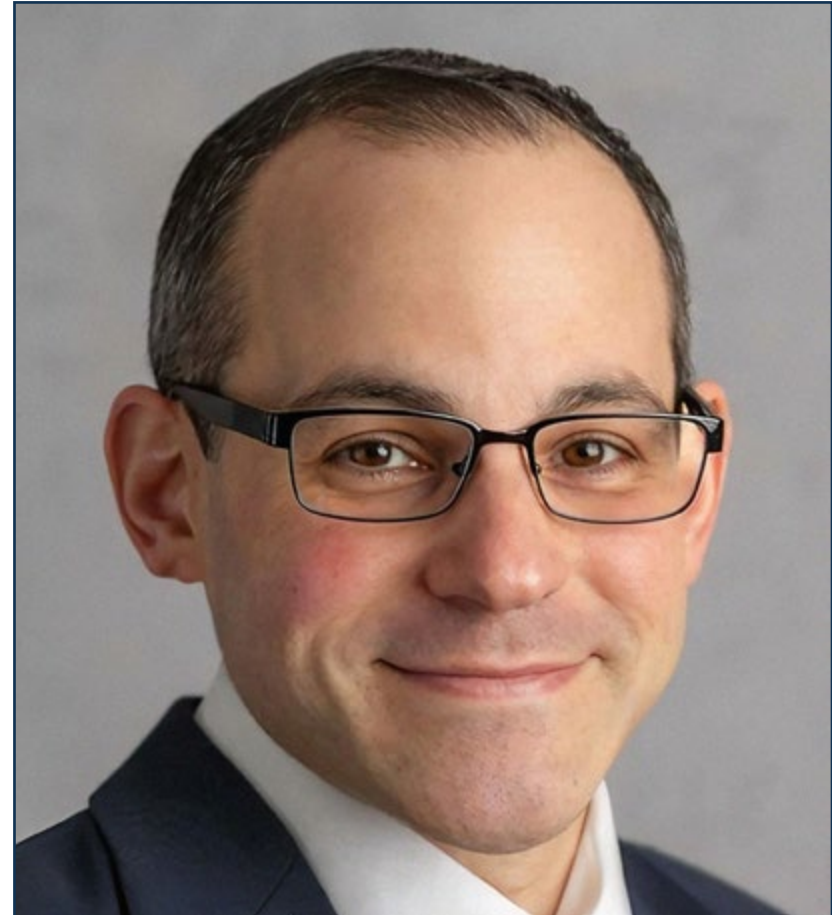
## International Guest Director

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 Facial Paralysis

- 1.1. General Aspects of Facial Nerve Pathology
- 1.2. Anatomy and Pathophysiology of Facial Paralysis
- 1.3. Etiopathogenesis of Facial Paralysis
- 1.4. Management of Peripheral Facial Paralysis in the Acute Phase
- 1.5. Radiological Evaluation of Facial Paralysis
- 1.6. Neurophysiological Evaluation of Facial Paralysis
- 1.7. Bell's Palsy and Ramsay Hunt Syndrome
- 1.8. Iatrogenic and Traumatic Paralysis
- 1.9. Reparation Techniques of the Facial Nerve and Facial Reinnervation
- 1.10. Dynamic and Static Reconstruction Techniques
- 1.11. Rehabilitation Management of Facial Paralysis
- 1.12. Results and Future Treatment for Facial Paralysis





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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 in Facial Paralysis in ORL guarantees, in addition to the most rigorous and updated training, access to a qualification issued by TECH Global University.





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*Successfully complete this training and receive your diploma without the hassle of travel or paperwork”*

This program will allow you to obtain your **Postgraduate Certificate in Facial Paralysis in ORL** 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 Facial Paralysis in ORL**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



## Postgraduate Certificate Facial Paralysis in ORL

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

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