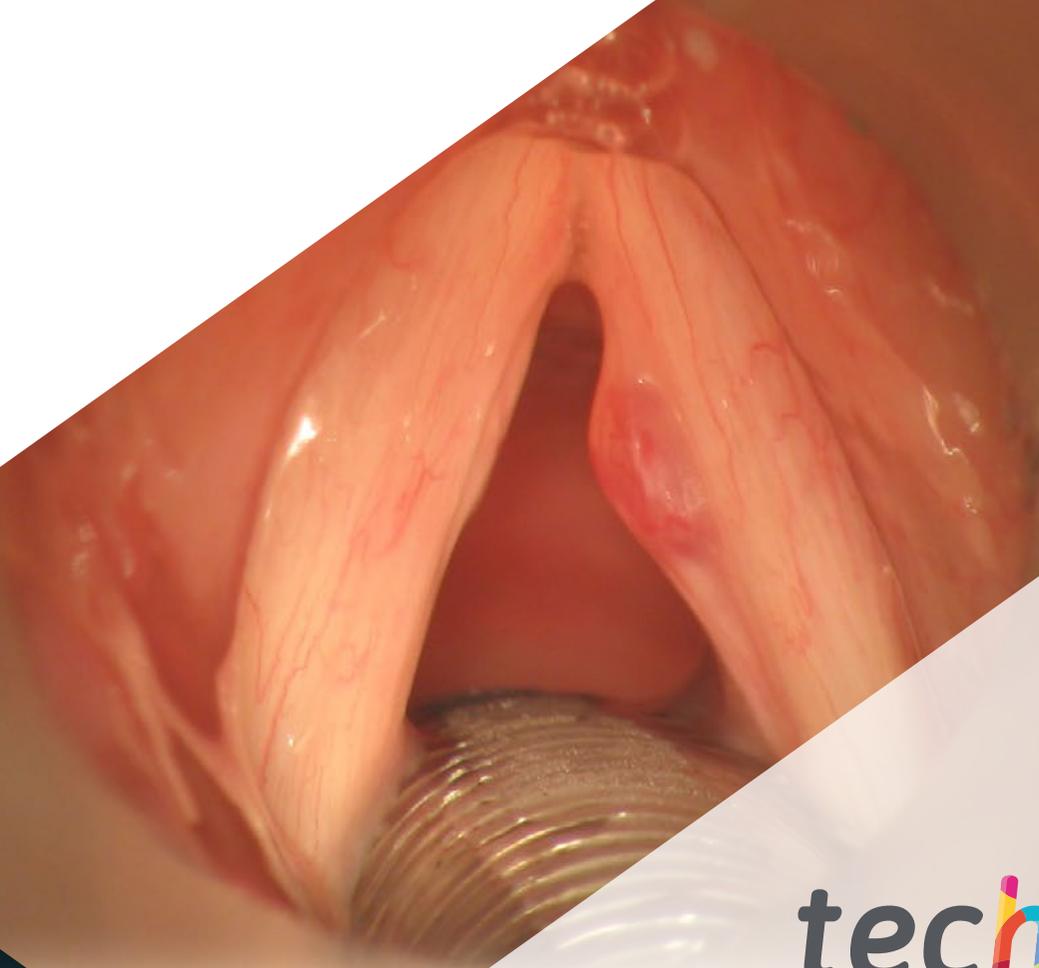


# Postgraduate Diploma

## Oral Cavity, Pharynx and Voice





## Postgraduate Diploma Oral Cavity, Pharynx and Voice

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-oral-cavity-pharynx-voice](http://www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-oral-cavity-pharynx-voice)

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# 01

# Introduction

The oral cavity and the pharynx are the access points to the digestive tract, with marked involvement in the functions of both the digestive and respiratory apparatus. It is also a fundamental and frequent approach to the affections that interest the larynx and the voice and those in rhinology. The clinical manifestations of these regions are presented with high prevalence in general medicine and specialist consultations. This Postgraduate Diploma will give you access to the most interesting quality and contrasted updates on the ORL medical panorama, gathered in one place.





“

*A unique quality training that will take you to the highest level of specialization by studying from your own home”*

We begin with the study of the most relevant anatomy and physiology aspects of these regions, as well as their physiological characteristics applied to the swallowing. Aspects related to the pathophysiology of swallowing disorders will be evaluated. The etiological and epidemiological concepts of dysphagia will be discussed. We will cover clinical aspects and complications in swallowing disorders, their clinical and instrumental evaluation, and the most accurate knowledge on therapeutic aspects, all applied to the general ORL in daily practice.

To study the larynx we must know the applied anatomy of the pharynx and larynx, as well as its physiology. The clinical exploration of the larynx includes aspects related to the presence of structural and/or functional alterations, as referred to the three functions of the larynx, by means of techniques that have improved in recent times with endoscopic and computerized imaging systems.

In the usual clinical practice of ORL specialists, they are confronted with voice disorders that require an understanding and a method of evaluation whose knowledge and systematics will help us to advance in our diagnoses.

Nasal and nasosinusal pathology is a frequent reason for consultation, both at general medicine and ORL levels. The problems that may arise have functional symptoms, and even aesthetic, or may manifest as a result of systemic diseases or inflammatory or infectious processes with the possibility of serious complications. It is also important not to forget the existence of a very specific tumor pathology, as well as its role as a gateway in anterior skull base surgery.

Adequate knowledge of nasosinus anatomy and physiology is essential for the anatomical and functional exploration of nasal structures, as well as for the acquisition of knowledge of nasosinus diseases and surgical procedures in this anatomical territory. This exploration begins with the various endoscopic procedures, which must be complemented with functional explorations, as well as radiological studies when indicated.

This **Postgraduate Diploma in Oral Cavity, Pharynx and Voice** offers you the advantages of a high-level scientific, teaching, and technological training.

These are some of its most notable features:

- ♦ Latest technology in online teaching software.
- ♦ A 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.

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

“

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

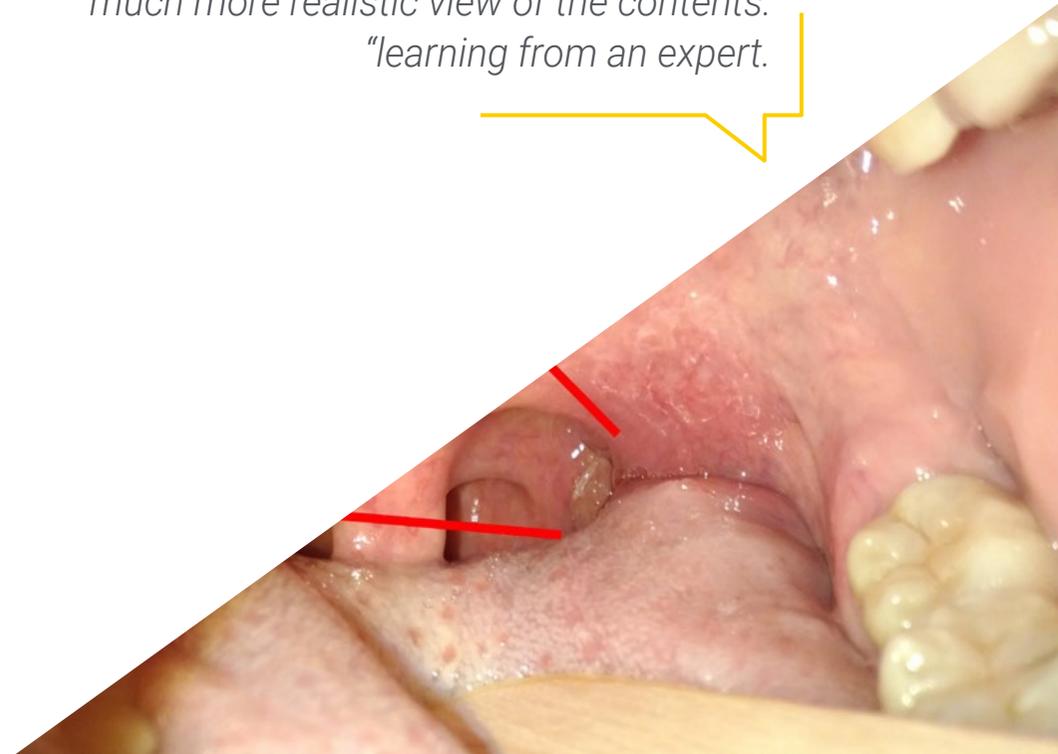
Our teaching staff is composed of medical professionals, practising specialists. In this way, we ensure that we provide you with the training update we are aiming for. A multidisciplinary team of doctors trained and experienced in different environments, who will develop the theoretical knowledge in an efficient way, but, above all, will put at the service of the course the practical knowledge derived from their own experience: 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 Postgraduate Diploma. 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: 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 Diploma will take you through different teaching approaches to allow you to learn in a dynamic and effective way.*

*Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, which will provide you with a faster immersion and a much more realistic view of the contents: “learning from an expert.”*



# 02

# Objectives

The objective of this training is to enable you to achieve the highest degree of specialization in Otolaryngology, with training focused on Oral Cavity and Pharynx, Larynx and Voice, and Rhinology. Through a program created to train you in a progressive and constant way, you will learn and integrate the new developments in otorhinolaryngology that have been taking place in the field.





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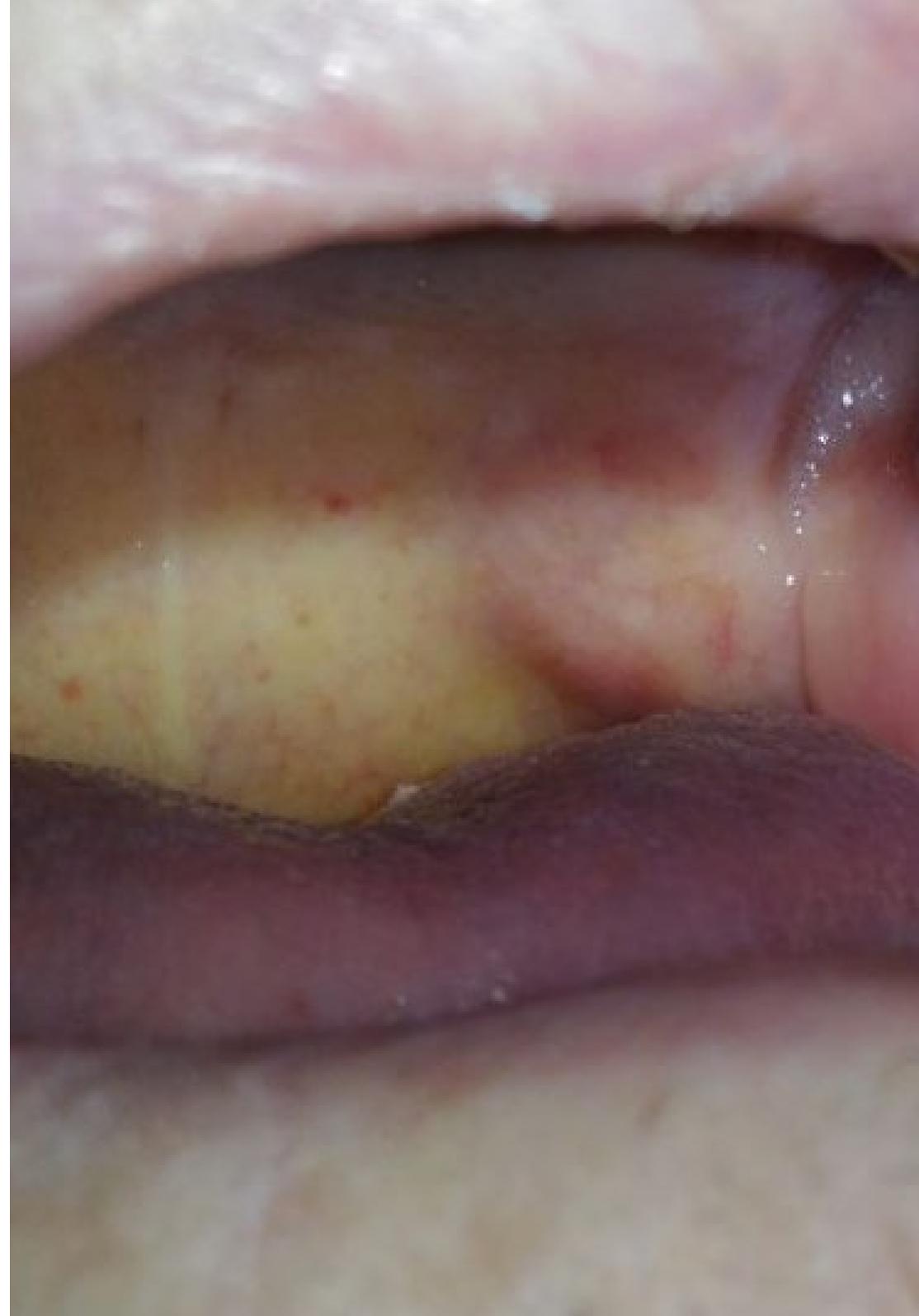
*If your goal is to take a step towards achieving the highest medical quality, this is the diploma for you: a training program that aspires to excellence”*



## General Objective

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- Completely update your knowledge on the different aspects and interventions in otorhinolaryngology.





## Specific Objectives

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- ♦ Have an in-depth understanding of the anatomical and functional characteristics of the oral cavity and pharynx, as well as the cervical esophagus, applied to swallowing, the Pathophysiology of impaired swallowing. Know the epidemiology and risk groups, along with the etiology of dysphagia. Handle the clinical aspects of dysphagia and its complications, and learn how to clinically and instrumentally examine swallowing disorders. Learn about the medical, rehabilitative, dietary and surgical management of dysphagia.
- ♦ Perform a laryngeal examination based on endoscopy and the sophisticated methods of objective voice analysis. Define and learn all the aspects related to systemic examinations of the voice and therapeutic applications.
- ♦ Assess, indicate and perform different surgical techniques to improve nasal respiratory function through the correct management of the nasal pyramid, as well as the management of the main complication, i.e., septal perforation. Improve the indication and endoscopic surgical techniques in nasosinus pathologies that are becoming more and more commonly seen by otolaryngologists.

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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*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”*

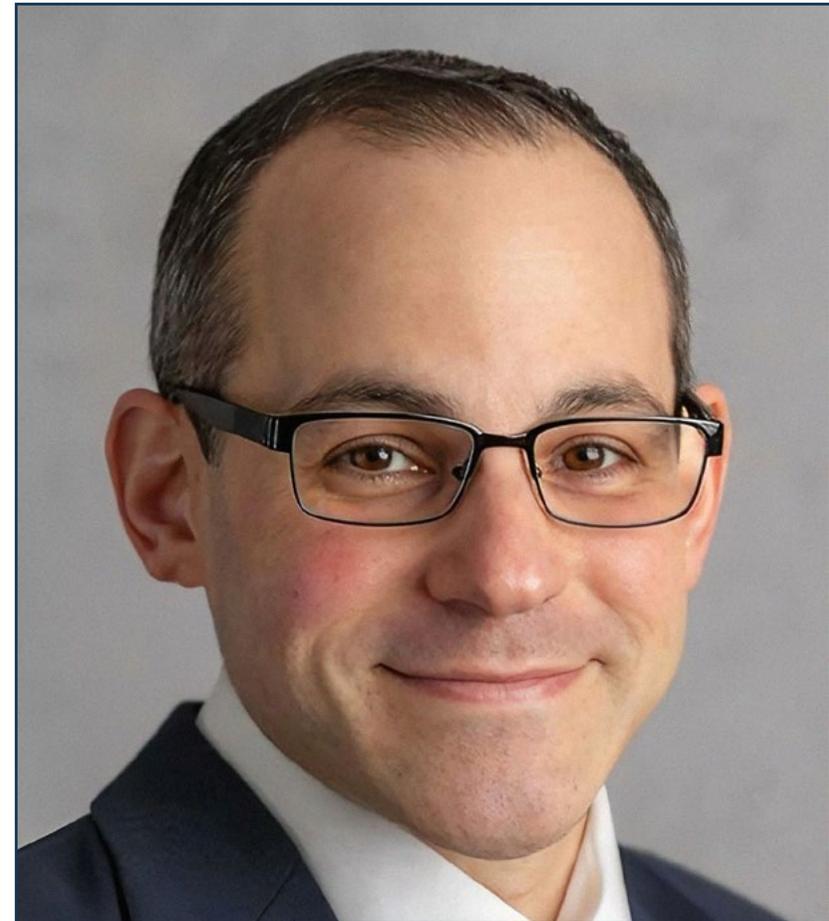
## International Guest Director

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

“

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

## Management



### Dr. Gutiérrez Fonseca, Raimundo

- Rey Juan Carlos University Hospital Chief of Otorhinolaryngology Service (ORL)
- Rey Juan Carlos University: ORL Associate Professor
- General Secretary of the Spanish Society of ORL Head and Neck Surgery
- Member of the Dysphagia Research Group of the European Laryngological Society

## Professors

### Dr. Méndez-Benegassi Silva, Ivan

- ♦ Medicine and Surgery degree. October 1994 Jun 2000. School of Medicine and Odontology Santiago de Compostela University, Galicia. Spain.
- ♦ Medicine internal residency training in Otorhinolaryngology: 1- July- 2002 to 30- June-2006. Jiménez Díaz Foundation Hospital. Autonomous University of Madrid (UAM) Spain.
- ♦ Additional training residency: General surgery on calls and maxilofacial surgery assistant during my residency period in Fundación Jiménez Díaz Hospital, including 1st assistant in general surgery and sometimes in other surgical specialties.
- ♦ PhD teaching courses of the Doctorate program in Medicine and Surgery in the Autonomous University of Madrid (Universidad Autónoma de Madrid ,UAM) achieved

Nasal Cavity

Lips

Jaw

Tongue

Larynx

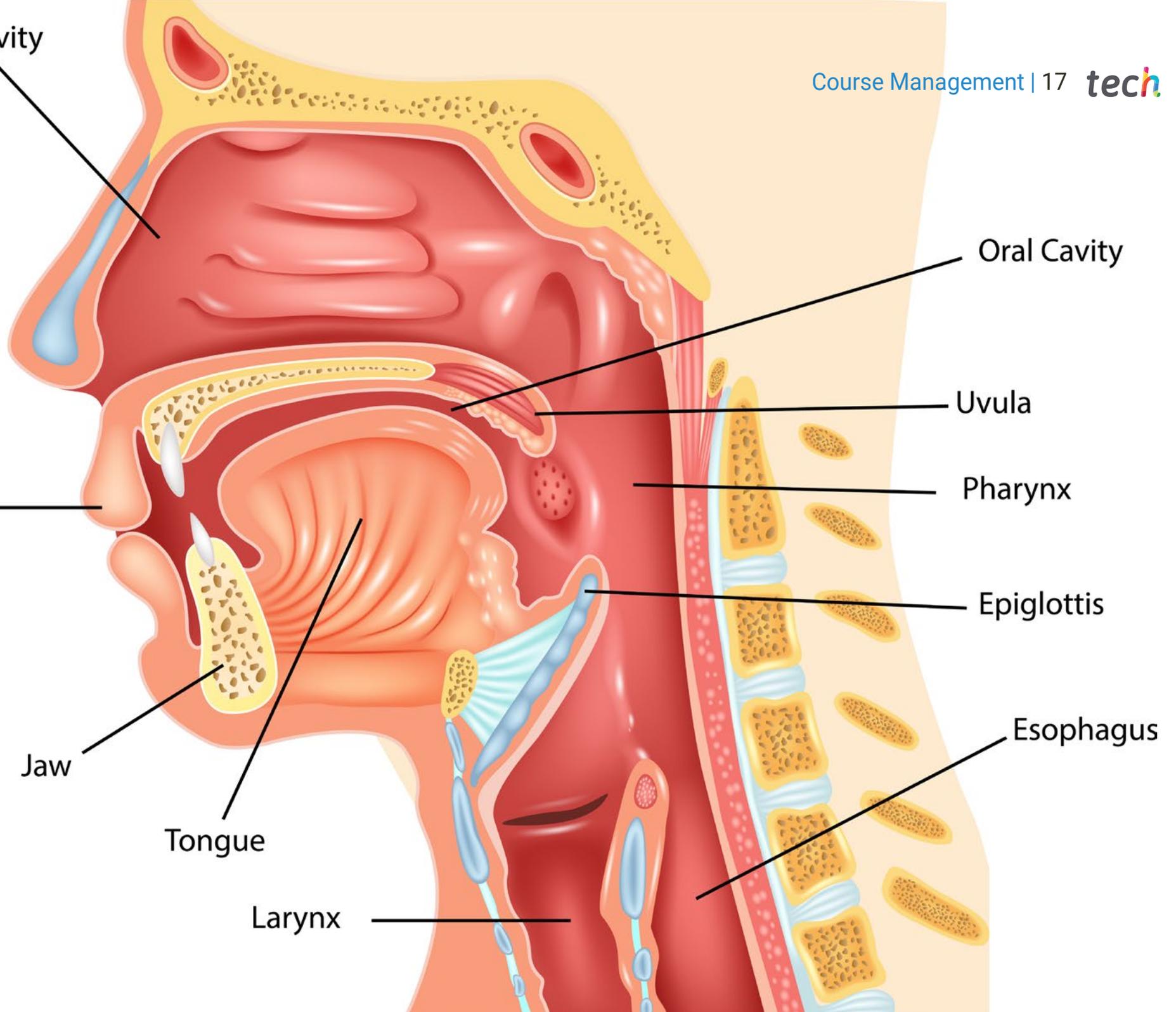
Oral Cavity

Uvula

Pharynx

Epiglottis

Esophagus



# 04

# Structure and Content

The contents of this Postgraduate Diploma have been developed by the different experts involved in 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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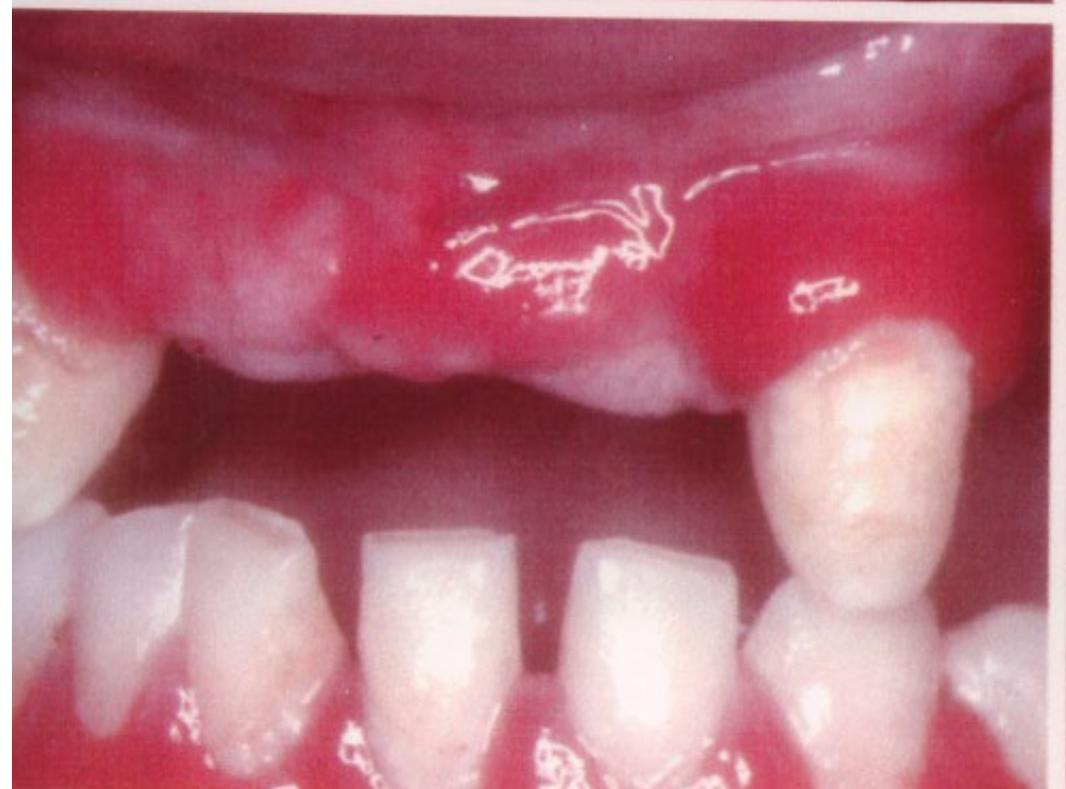
*A comprehensive teaching program,  
structured in well-developed teaching units,  
oriented towards learning that is compatible  
with your personal and professional life"*

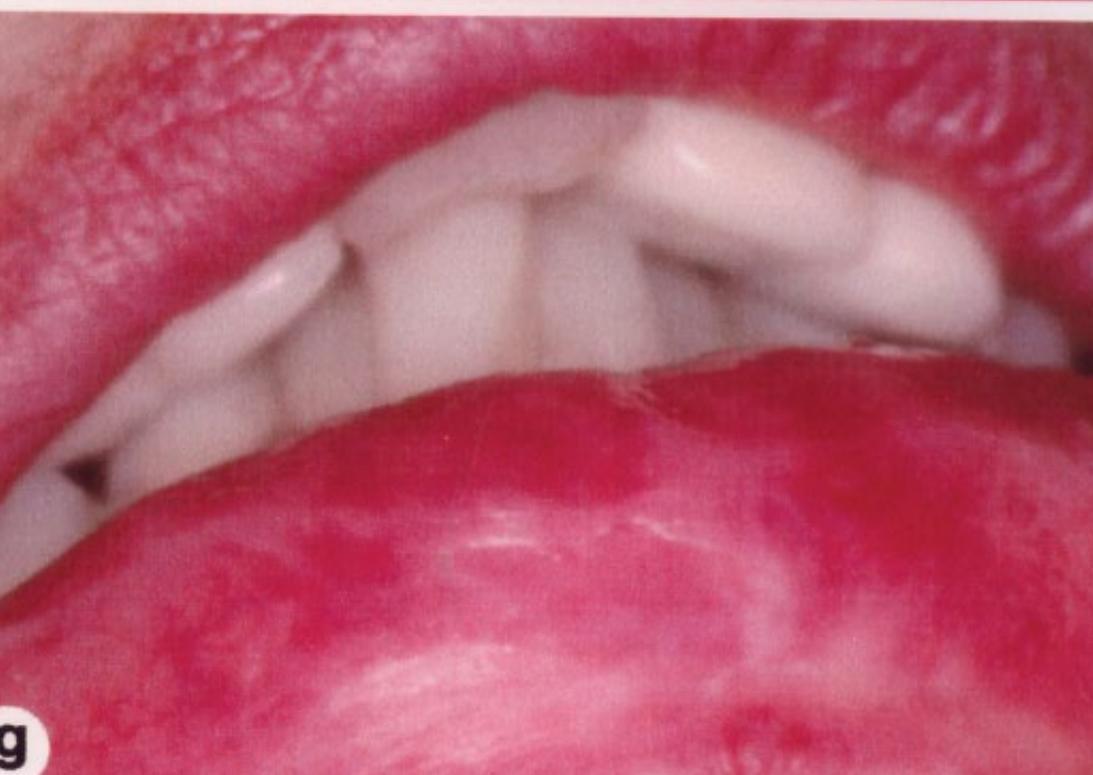
### Module 1. Oral Cavity and Pharynx Swallowing Disorders

- 1.1. Anatomic-physiology of Normal and Pathological Swallowing
- 1.2. Epidemiology and Etiopathogenesis of the Dysphagia
- 1.3. Clinical Swallowing Disorders
- 1.4. Respiratory and Nutritional Complications: Nutritional Assessment
- 1.5. Clinical Examination of Swallowing Disorders
- 1.6. Instrumental Endoscopic Examination
- 1.7. Instrumental Radiological Examination
- 1.8. Basis of Nutritional Management in Dysphagia
- 1.9. Basis of Rehabilitation Management in Dysphagia
- 1.10. Surgical Treatment of Dysphagia

### Module 2. Laryngology, Voice: Assessment of the Normal and Altered Voice.

- 2.1. Anatomy and Physiology of Phonation
- 2.2. Pathophysiological Basis of Dysphonia
- 2.3. Clinical Management and Classification of Phonation Disorders
- 2.4. Voice Assessments Subjective and Perceptual Assessment
- 2.5. Voice Assessments Aerodynamic Assessment
- 2.6. Voice Assessments Endoscopic Examination
- 2.7. Voice Assessments Stroboscopy
- 2.8. Voice Assessments Vocal Acoustic Analysis
- 2.9. Integration of Various Examination Techniques
- 2.10. Interaction Between Examination and Treatment Indications





### Module 3. Rhinology and Anterior Skull Base

- 3.1. Applied Anatomy
- 3.2. Subjective and Objective Assessment of the Nasal Form and Function
- 3.3. Basic Surgical Techniques.
- 3.4. Advanced Surgical Techniques
- 3.5. Septal Perforation Closure
- 3.6. Nasosinusal Endoscopic Surgery in Acute and Chronic Rhinosinusitis
- 3.7. Nasosinusal Endoscopic Surgery in Chronic Rhinosinusitis with Nasosinusal Polyposis
- 3.8. Endoscopic Dacryocystorhinostomy
- 3.9. Management of CSF Fistulas
- 3.10. Most Common Endoscopic Approaches Used on the Anterior Skull Base

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 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 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

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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 professional medical 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 grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on 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.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.



*The physician will learn through real cases and by solving 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).

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

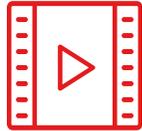
*Re-learning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

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

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



In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### Interactive Summaries

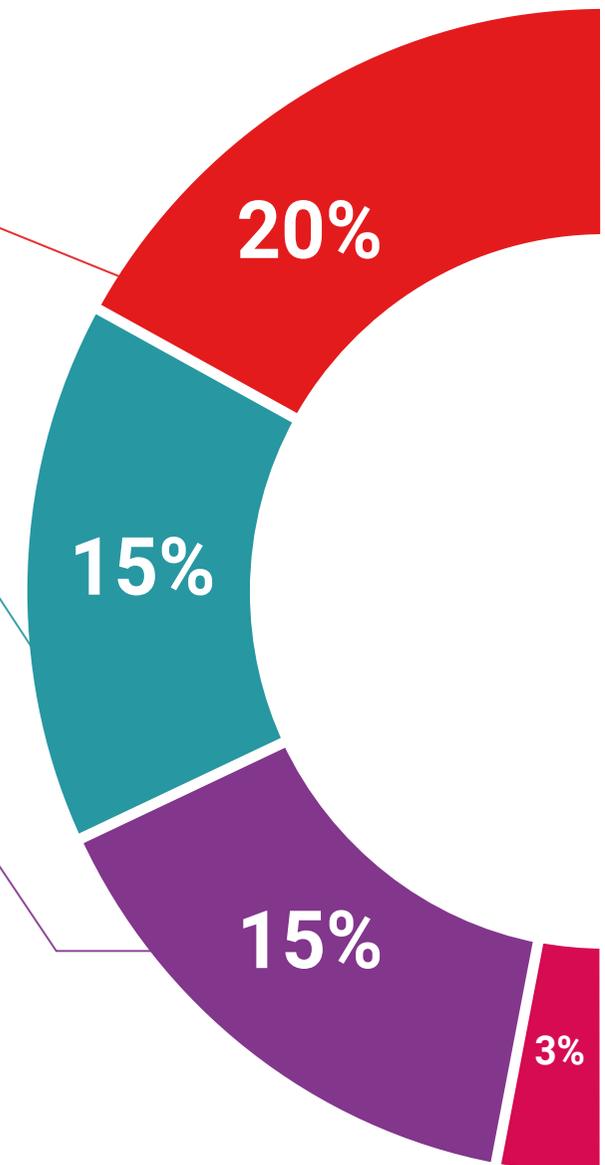
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

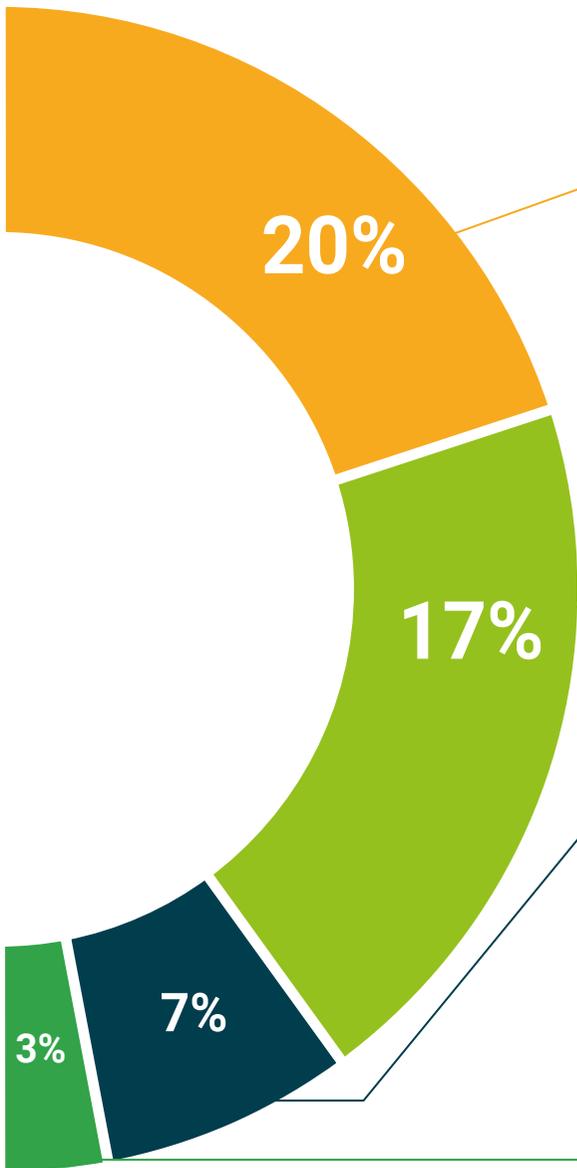
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".



#### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through 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 your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an expert strengthens knowledge and memory, and generates confidence in our difficult future decisions.



#### Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06

# Certificate

The Postgraduate Diploma in Oral Cavity, Pharynx and Voice 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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*Include in your training a Postgraduate Diploma in Oral Cavity, Pharynx and Voice: A highly qualified added value for any medical professional”*

This private qualification will allow you to obtain a **Postgraduate Diploma in Oral Cavity, Pharynx and Voice** endorsed by **TECH Global University**, the world's largest online university.

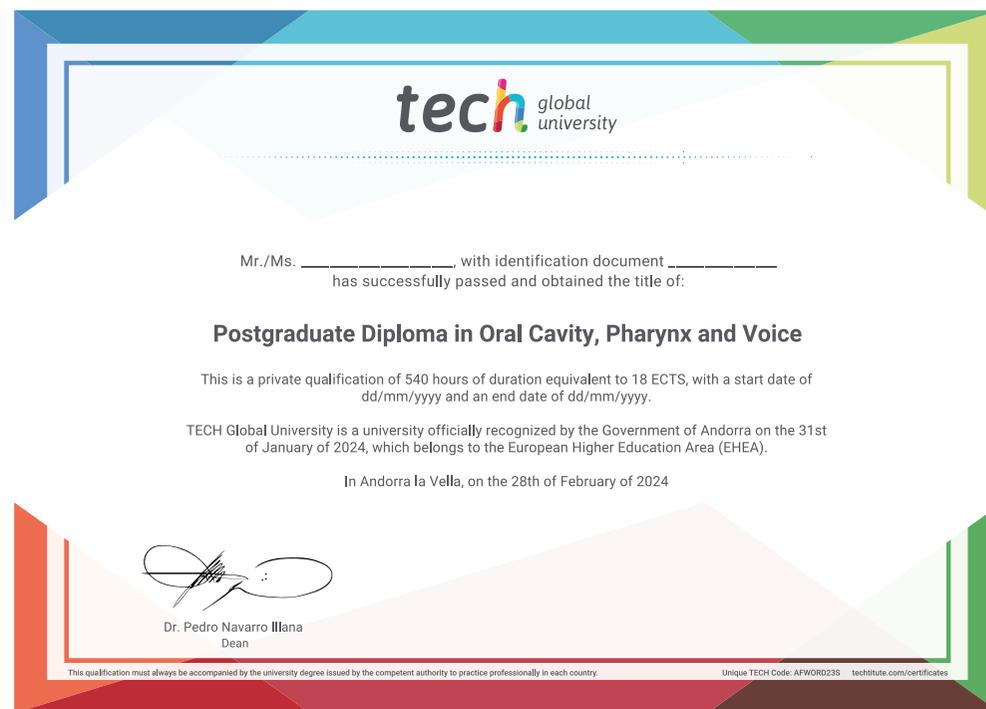
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Oral Cavity, Pharynx and Voice**

Modality: **online**

Duration: **6 months**

Accreditation: **18 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.

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

**tech** global  
university

**Postgraduate Diploma**  
Oral Cavity, Pharynx  
and Voice

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Diploma

## Oral Cavity, Pharynx and Voice

