

# Postgraduate Certificate

## Medical-Surgical Treatment of Voice Pathology





## Postgraduate Certificate Medical-Surgical Treatment of Voice Pathology

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/pk/education/postgraduate-certificate/medical-surgical-treatment-voice-pathology](http://www.techtitute.com/pk/education/postgraduate-certificate/medical-surgical-treatment-voice-pathology)

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01

# Introduction

In certain voice disorders, the treatment of choice is medical-surgical. The competent professional needs to acquire specific training in this field in order to be able to deal with these complications in a comprehensive manner, integrating all the necessary therapeutic resources. This program is an advanced compendium in the medical and surgical field in the treatment of the voice, with which the professionals will learn in a complete and oriented way the practical exercise and everything they need for the voice approach.





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*Advances in medical-surgical intervention in the treatment of voice pathologies in a Postgraduate Certificate that represents the largest compilation in this field in the online educational market”*

The medical professionals intervene in the care of their patients' voice in many contexts and situations. Professionals such as broadcasters, journalists, commercials, actors, singers, etc., require knowledge and management of their vocal apparatus, since it is essential for their work.

The changes that occur in the human voice over time are related, among other factors, to the maturation and development of the phonorespiratory system, as well as to its deterioration.

Learning the new developments that are being applied in the medical-surgical field is a necessity for the professional who intervenes in these cases. The pathologies that require surgery and their subsequent care, as well as their prevention, will be addressed in this course with a concrete look at their practical application.

For all these reasons, knowledge about the use of one's own voice, programs for the prevention of disorders and Vocal Therapy applied to the use in different contexts, are crucial elements for the health, well-being and development of any speaker.

This program offers a very broad view of voice disorders and physiology, with examples of successful cases. It includes all the necessary and basic techniques for the preparation and re-education of the voice, taking into account the professions that use it as their main working tool, providing tools, experiences and advances in this field, which have also been guaranteed by the teaching staff of the Postgraduate Certificate.

This **Postgraduate Certificate in Medical-Surgical Treatment of Voice Pathology** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ The development of more than 75 case studies presented by programs in Medical-Surgical Treatment of Voice Pathology
- ♦ 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
- ♦ New developments in the use of Medical-Surgical Treatment of Voice Pathology
- ♦ Contains practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ♦ With special special emphasis on evidence-based methodologies in Medical-Surgical Treatment of Voice Pathology
- ♦ All of this will be complemented by 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



*A complete Postgraduate Certificate that will allow you to integrate into your work the new medical and surgical techniques and processes for the care and attention of patients with voice disorders"*

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*A high-quality specialization that will allow you to become a highly competent professional who can intervene in the improvement of their patients through voice therapy"*

It includes in its teaching staff professionals belonging to the field of voice therapy and medical-surgical treatment who bring to this training the experience of their work, in addition to recognized specialists belonging to reference societies and prestigious universities.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

This program is designed around Problem-Based Learning, whereby students must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned experts in the field of Medical-Surgical Treatment of Voice Pathology.

*A program created and directed by active professionals who are experts in this field of work, which makes this Postgraduate Certificate a unique opportunity for professional growth.*

*Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, with a high educational impact.*



# 02

# Objectives

The online Postgraduate Certificate offers in detail the most relevant advances in the specialty from an eminently practical point of view, in an era in which the accreditation of knowledge plays a fundamental role.

The objective of this training is to offer professionals who work in Vocal Therapy, the necessary knowledge and skills to perform their duties using the most advanced protocols and techniques of the moment.







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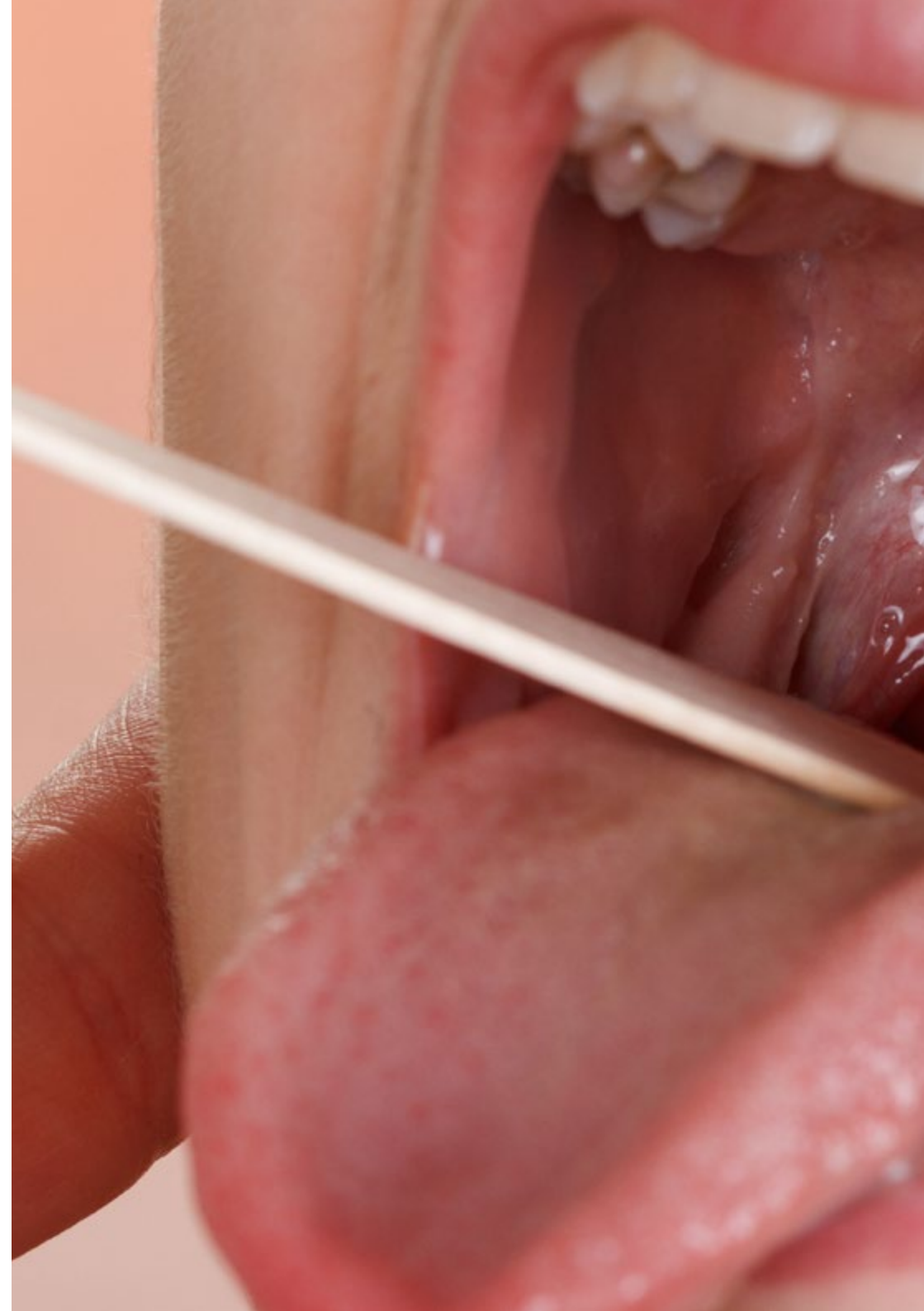
*The objectives of this program have been designed to ensure that students learn in a stimulating and fast way, incorporating what they have learned in an immediate and practical way"*



## General Objectives

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- ♦ Learn the specific anatomical and functional aspects of the phonatory system as a basis for the rehabilitation of voice disorders and for voice work with voice professionals
- ♦ Gain in-depth knowledge of the most current diagnostic and treatment techniques
- ♦ Delve into the knowledge and analysis of the results obtained in objective voice assessments
- ♦ Learn how to implement a correct and complete assessment of vocal function in daily clinical practice
- ♦ Know the most important features of the voice and learn to listen to different types of voices in order to know which aspects are altered to guide clinical practice
- ♦ Analyze the different possible voice disorders and achieve educational rigor in the treatments
- ♦ Learn about different approaches to the treatment of vocal pathologies
- ♦ Raise awareness of the need for vocal care
- ♦ Teach voice therapy work focused on different voice professionals
- ♦ Learn the importance of multidisciplinary work in some voice pathologies
- ♦ View the voice as a global ability of the person and not as an exclusive act of the phonatory system
- ♦ Solve real practical cases with current therapeutic approaches based on scientific evidence





## Specific Objectives

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- ♦ Learn about the different existing phonosurgery techniques
- ♦ Learn about the different common laryngeal surgeries
- ♦ Be familiar with the different medications prescribed by physicians in case of dysphonia
- ♦ Give importance to teamwork in the rehabilitation of voice pathologies



*A boost to your CV that will give you the competitiveness of the best prepared professionals in the labor market”*

03

# Course Management

Within the concept of total quality of the program, TECH is proud to offer you a teaching staff of the highest level, chosen for their proven experience. 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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*Learn the latest advances in procedures in the field of Medical-Surgical Treatment of Voice Pathology from renowned professionals”*

## Guest Director



### Gavilán, Javier

- ♦ Head of Service and Professor of Otorhinolaryngology at the La Paz university hospital, Madrid
- ♦ 350 articles in international scientific journals
- ♦ Recipient of the Honor Award from the American Academy of Otolaryngology-HNS
- ♦ Member of more than 25 Scientific Societies

## Management



### Ms. Martín Bielsa, Laura

- ♦ Speech therapist and teacher
- ♦ Expert in voice pathology
- ♦ Director of Multidisciplinary Center Dime Más
- ♦ CFP *Estill Voice Training*
- ♦ Extensively trained in different methods of vocal rehabilitation
- ♦ Dean of the Professional Association of Speech-Language Pathologists of Aragon



## Professors

### Ms. Ogén Morado, Carolina

- ♦ ENT Service at the La Paz university hospital of Madrid
- ♦ Postgraduate course in rehabilitation and improvement of the professional speaking and singing voice Institute of Human Sciences-University of Alcalá de Henares Madrid
- ♦ Postgraduate course in voice pathology Institute of Human Sciences-University of Alcalá de Henares Madrid
- ♦ Degree in Teaching, specialized in Hearing and Language, University of La Coruña
- ♦ Postgraduate course in Hearing and Language Disorders at the University of La Coruña
- ♦ Diploma in Speech Therapy from the University of La Coruña

### Dr. García-López, Isabel

- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ Medical Specialist in Otorhinolaryngology with specific training and dedication to Voice Pathology
- ♦ General Vice-Secretary of the Spanish Society of Otorhinolaryngology and Head and Neck Surgery
- ♦ Professor in the postgraduate course on Voice Disorders at the Ramon Llul University of Barcelona
- ♦ Professor of the Master's Degree in Vocal Disorders at the Catholic University of Murcia
- ♦ Member of the main scientific societies in the world related to voice: Voice Foundation, Collegium Medicorum Theatri, European Society of Laryngology, International Association of Phonosurgery and Spanish Society of Otorhinolaryngology and Head and Neck Surgery
- ♦ Otorhinolaryngology Department, La Paz hospital, Madrid

**Dr. Bernáldez Millán, Ricardo**

- ♦ ENT Assistant in the specialty of Otorhinolaryngology at La Paz university hospital, La Paz
- ♦ PhD in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ Teaching collaborator for the subject of Otorhinolaryngology at the Faculty of Medicine of the UAM
- ♦ More than 30 ENT-related publications in scientific journals
- ♦ Author of 15 book chapters on Otolaryngology
- ♦ Specialized in Head and Neck Surgery

**Dr. Rivera Schmitz, Teresa**

- ♦ Head and Neck Section of the La Paz university hospital, Madrid
- ♦ Specialized in Laryngology
- ♦ Degree in Medicine and Surgery
- ♦ She studied at the Autonomous University of Madrid and completed her residency at the Unviersiy Hospital Complex of Vigo
- ♦ Fellowship at the Bradford Royal Infirmary Hospital in the United Kingdom, in the field of Otology
- ♦ She has published several articles as author or co-author and has participated in some book chapters and papers in recent years In addition, she has participated in lectures and courses as a speaker in the field of voice and dysphagia







**Ms. Corvo, Sandra**

- ◆ Speech therapist
- ◆ Director of Clínica Córtex-Ciudad Rodrigo
- ◆ Master's Degree in Advances in Neurorehabilitation of Communicative and Motor Functions of the Gimbernat Cantabria School
- ◆ Currently working on her doctoral thesis on the improvement of voice and speech in patients with Parkinson's disease by means of motor co-programming through dance

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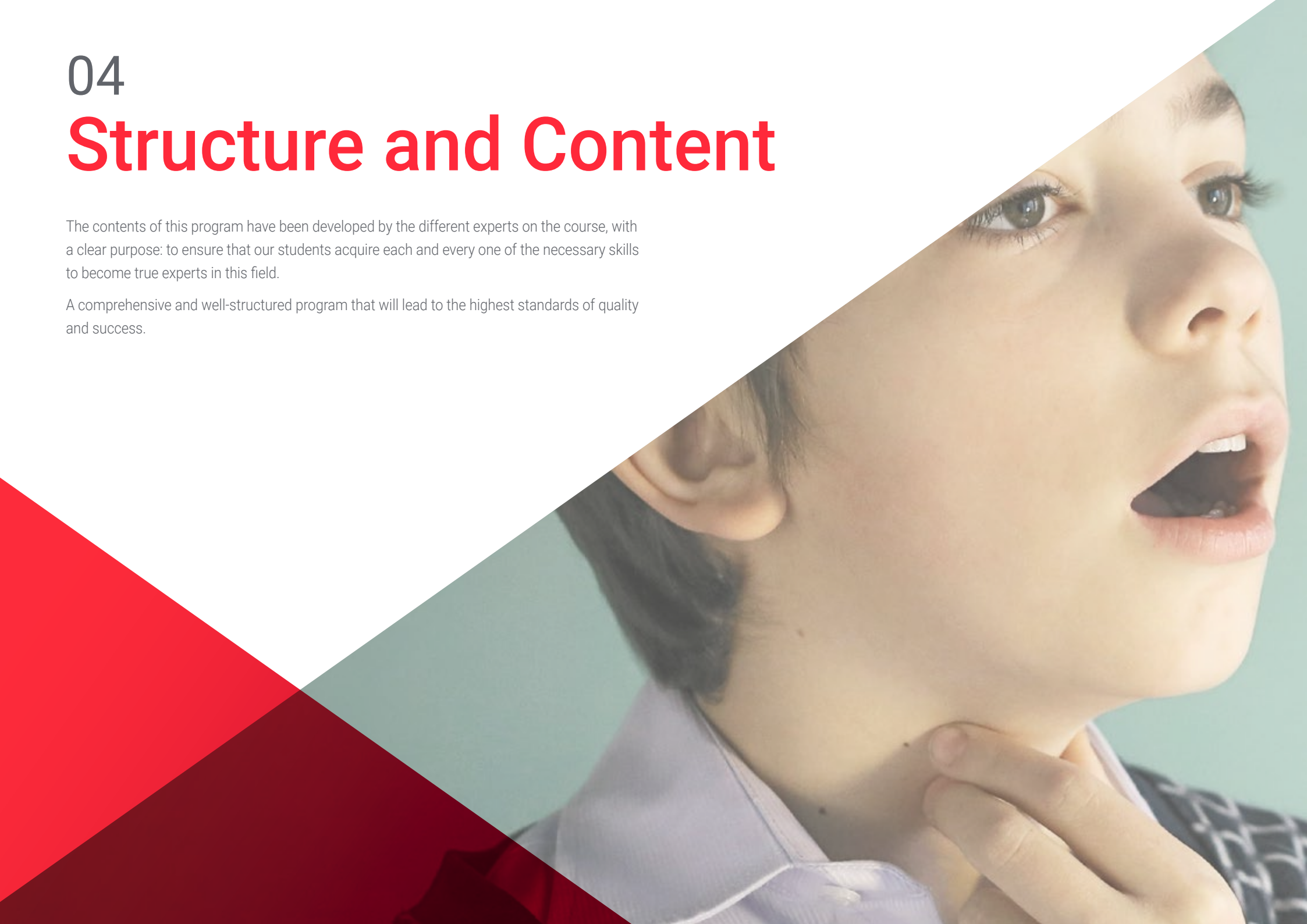
*An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during your education: a unique opportunity not to be missed”*

# 04

# Structure and Content

The contents of this program have been developed by the different experts on the course, 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 comprehensive and well-structured program that will lead to the highest standards of quality and success.



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*This online Postgraduate Certificate in Medical-Surgical Treatment of Voice Pathology contains the most complete and up-to-date educational program on the market”*

## Module 1. Medical-Surgical Treatments of Vocal Pathologies

- 1.1. Phonosurgery
  - 1.1.1. Flush Section
  - 1.1.2. Cordotomies
  - 1.1.3. Injection Techniques
- 1.2. Laryngeal Surgery
  - 1.2.1. Thyroplasties
  - 1.2.2. Laryngeal Neurosurgery
  - 1.2.3. Surgery in Malignant Laryngeal Pathologies
- 1.3. Medication in Dysphonia
  - 1.3.1. Medication to Regularize Respiratory Aspects
  - 1.3.2. Medication to Regularize Digestive Aspects
  - 1.3.3. Medication to Regulate the Non-Autonomous Nervous System
  - 1.3.4. Types of Medication





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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 offers a different way of learning. Our methodology uses a cyclical learning approach: **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 Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.



It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.



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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. Educators 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 is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
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

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our University is the first in the world to combine case studies 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.



*Educators 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 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 we have trained more than 85,000 educators with unprecedented success in all specialties. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*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 our 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 specialist educators 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.



#### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, 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

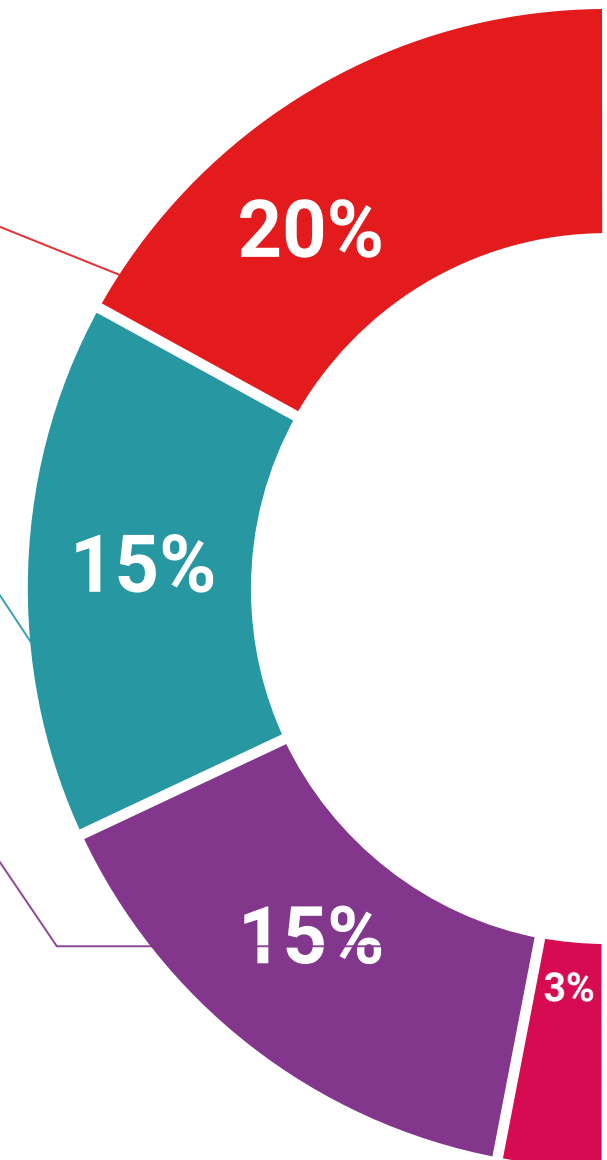
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

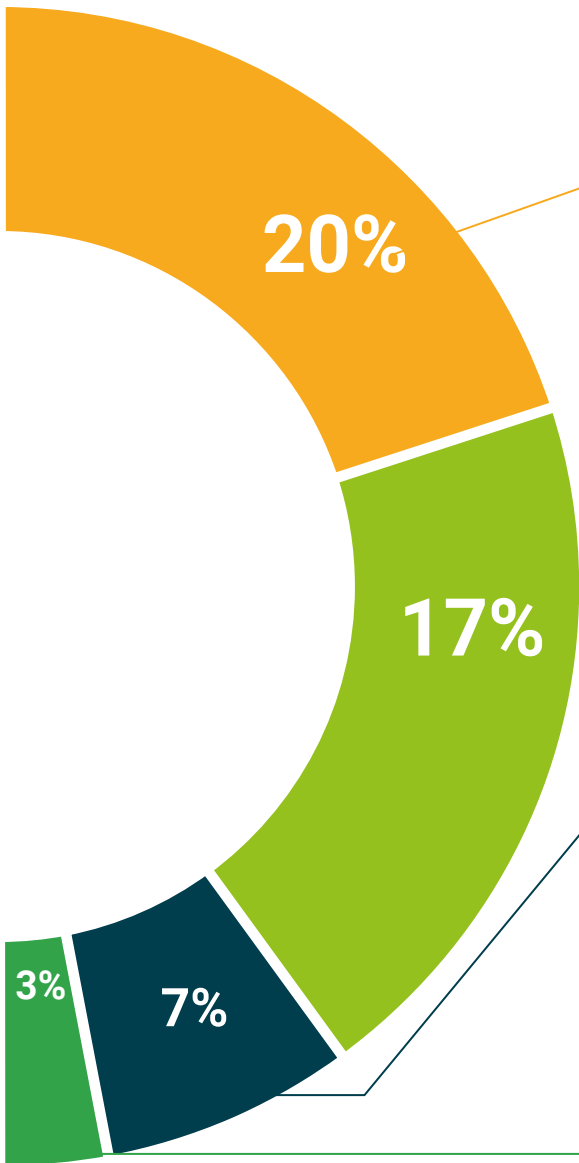
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



#### 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**

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises: so that they can see how they 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 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

The Postgraduate Certificate in Medical-Surgical Treatment of Voice Pathology guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

This **Postgraduate Certificate in Medical-Surgical Treatment of Voice Pathology** 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 certificate 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 Medical-Surgical Treatment of Voice Pathology**

Official N° of Hours: **100 h.**



\*Apostille Convention. In the event that the student wishes to have their paper certificate 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  
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