Postgraduate Certificate
Assessment and Treatment of Voice Disorders for Nursing

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Postgraduate Certificate
Assessment and Treatment of Voice Disorders for Nursing

- » Modality: **online**
- » Duration: **12 weeks**
- » Certificate: **TECH Global University**
- » Accreditation: **10 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/nursing/postgraduate-certificate/assessment-treatment-voice-disorders-nursing**

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01
Introduction

The Assessment and Treatment of Voice Disorders in Nursing has become increasingly relevant due to increased vocal demands in clinical and educational settings. New guidelines suggest a combination of advanced assessment techniques, such as laryngoscopy and acoustic voice analysis, to accurately identify abnormalities. Furthermore, treatment focuses on personalized vocal rehabilitation, based on vocal training technique and relaxation exercises. Within this framework, TECH has launched a totally virtual program, designed to adapt to the personal and work schedules of graduates. In addition, it is based on the innovative Relearning learning methodology, which is a pioneer in this university.

With this 100% online Postgraduate Certificate, you will be able to perform accurate assessments of vocal function, identify specific disorders and apply treatments based on the latest scientific evidence"

According to the American Speech-Language-Hearing Association, vocal disorders affect approximately 30% of the population at some point in their lives, with a notable increase in cases related to excessive use of the voice in work and educational settings. As a result, treatment techniques have evolved, incorporating evidence-based therapies, such as personalized vocal therapy and vocal retraining exercises.

Therefore, this Postgraduate Certificate is born, which will provide nurses with the necessary skills for a comprehensive assessment of vocal function in their daily clinical practice. In this sense, they will be able to perform a complete evaluation, including the identification of vocal alterations through advanced diagnostic tools such as laryngoscopy and acoustic analysis.

They will also focus on the importance of knowing and distinguishing vocal features and different types of voices to identify which aspects are altered, crucial to recognize specific vocal patterns that may indicate the presence of disorders. In addition, they will delve into current diagnostic and treatment techniques, developing a rigorous, evidence-based approach to address a wide range of vocal pathologies.

Finally, the resolution of real case studies will be covered, using current therapeutic approaches and scientific evidence. It will also emphasize the importance of seeing the voice, not only as an exclusive act of the phonatory system, but as a global ability of the individual that requires care and attention. In this way, professionals will be able to apply different treatment approaches and raise awareness of the need for proper vocal care.

In this way, TECH has launched a comprehensive and fully online program, which will allow graduates to access at any time and from anywhere, as long as they have an electronic device with an Internet connection. Additionally, the innovative Relearning learning methodology will be used, which focuses on the repetition of essential concepts to achieve a deep and natural understanding of the content.

This **Postgraduate Certificate in Assessment and Treatment of Voice Disorders for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of practical cases presented by experts in Speech Therapy Neurorehabilitation
- The graphic, schematic, and practical content with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where the self-assessment process can be carried out 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

Don't miss this unique opportunity that only TECH offers you! You will acquire in-depth knowledge about the anatomy and physiology of the phonatory system, enabling you to address vocal pathologies in a comprehensive manner"

"*You will promote awareness of the need for comprehensive vocal care, including prevention and maintenance of good vocal health, from the world's best digital university, according to Forbes: TECH*"

You will analyze the anatomical and functional aspects of the phonatory system, acquiring a solid foundation for the rehabilitation of vocal pathologies, thanks to an extensive library of innovative multimedia resources.

You will become familiar with various vocal pathologies, analyzing real case studies to apply the most effective therapeutic approaches, through the best didactic materials, at the forefront of technology and education.

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The 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 immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

The main objective of this Postgraduate Certificate will be to specialize nurses to perform a thorough and accurate assessment of vocal function, integrating anatomical and functional aspects of the phonatory system in their clinical practice. It will also equip professionals with advanced skills in the diagnosis and treatment of various vocal pathologies, using techniques and therapeutic approaches based on the latest scientific evidence. In addition, a comprehensive understanding of the voice as a global skill will be fostered, promoting prevention and proper vocal care.
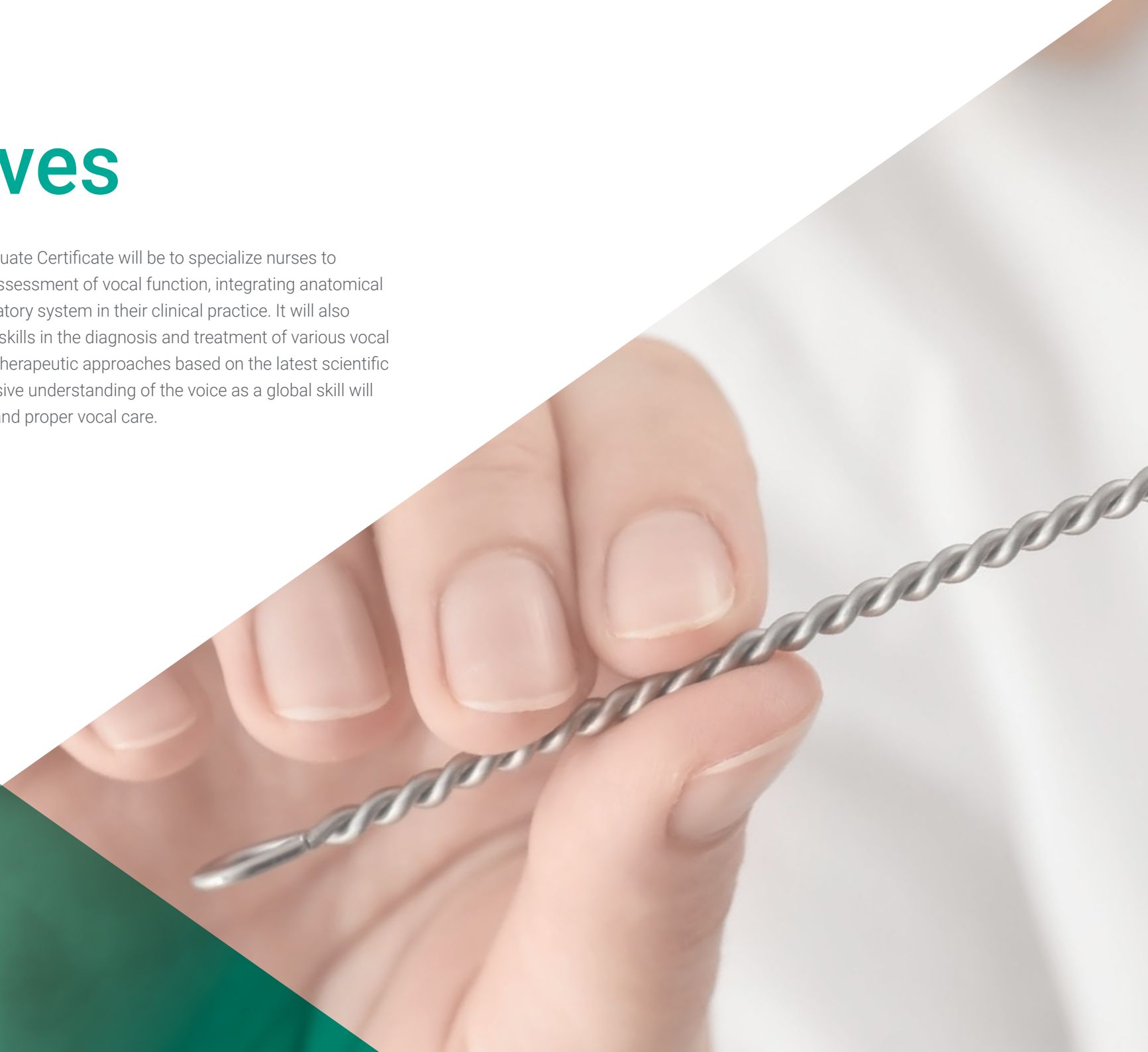
You will be equipped with the skills and knowledge necessary to perform a comprehensive and accurate assessment of vocal function, supported by the revolutionary learning methodology known as Relearning"

General Objectives

- Develop a broad body of knowledge of the anatomical and functional basis of the central and peripheral nervous system

- Study the anatomy and function of the organs involved in basic functions such as respiration, phonation and swallowing

- Acquire knowledge in both assessment and speech therapy intervention

- Delve into rehabilitation techniques supported by clinical practice

- Develop intervention skills acquired from complementary disciplines such as neuropsychology, physiotherapy and psychology

- Become proficient in the assessment, diagnosis and treatment of neurofunctional and logopedic disorders in specific groups with neurodevelopmental or syndromic disorders

- Know various approaches and intervention programs in neurological and speech therapy neurorehabilitation

Through the analysis of real case studies and the application of theoretical knowledge, you will be prepared to face complex challenges and provide high quality care to patients with vocal disorders"

Specific Objectives

- Learn how to implement a correct and thorough assessment of vocal function in daily clinical practice

- Learn the specific anatomical and functional aspects of the phonatory system as a basis for the rehabilitation of vocal pathologies and for vocal work with voice professionals

- 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

- Gain in-depth knowledge of the most current diagnostic and treatment techniques

- Analyze the different possible voice disorders and achieve scientific rigor in treatments

- Solve real practical cases with current therapeutic approaches based on scientific evidence

- Delve into the knowledge and analysis of the results obtained in objective voice assessments

- Learn about different approaches to the treatment of vocal pathologies

- Raise awareness of the need for vocal care

- View the voice as a global ability of the person and not as an exclusive act of the phonatory system

03
Course Management

Teachers are highly specialized professionals with extensive experience in the field of phonology, laryngology and vocal therapy. In fact, their academic and professional specialization will enable them to offer a comprehensive perspective, combining advanced theoretical knowledge with practical applications and state-of-the-art diagnostic and treatment techniques. In addition, they are committed to continuous updating and research in the field, which will ensure that the course content is aligned with the latest scientific advances and best practices.

"

TECH has a multidisciplinary teaching team, ensuring you receive high quality specialization, grounded in experience and the latest scientific evidence"

Management

Ms. Santacruz García, Estefanía

- Social integrator and clinical speech therapist at Uner La Clinic
- Teacher at CEFIRE
- Specialist in Orofacial and Myofunctional Therapy

Mr. Borras Sanchis, Salvador

- Psychologist, Teacher and Speech Therapist
- Educational Counselor at Generalitat Valenciana, Consejería de Educación (Valencian Regional Government)
- Abile Education Specialist
- Avance SL Partner
- Pedagogical Advisor and External Collaborator of Aula Salud (an organization to promote health in the classroom)
- Pedagogical Director in iteNlearning
- Author of "Guide for the Reeducation of Atypical Swallowing and Associated Disorders"
- Pedagogical Director in the Instituto DEIAP (Institute for Comprehensive Development and Psychoeducational Care)
- Degree in Psychology
- Hearing and Speech Teacher
- Diploma in Speech Therapy

Professors

Ms. Álvarez Valdés, Paula del Carmen

- Specialist in Diagnosis and Treatment of Early Childhood Care
- Clinical Speech Therapist Specialist in Myofunctional Therapy
- Diploma in Psychodiagnosis and Early Care Treatment
- Direct collaboration in Dental Office
- Graduate in Speech Therapy
- Master's Degree in Special Education and in Foreign Languages from the Pontifical University of Salamanca
- ISEP Master's Degree in Myofunctional Therapy

Ms. Carrasco de Larriva, Concha

- Expert in Cognitive Rehabilitation and Clinical Neuropsychology
- Psychologist at PEROCA
- Clinical Neuropsychologist accredited by the General Council of Psychology in Spain
- Assistant Professor of the Department of Psychology at the Catholic University San Antonio of Murcia
- Master's Degree in Clinical Neuropsychology by the Spanish Association of Clinical Cognitive Behavioral Psychology
- Expert in Child and Cognitive Rehabilitation by the Francisco de Vitoria University
- Postgraduate degree in Cognitive Rehabilitation from ISEP
- Degree in Psychology from the University of Granada
- Qualified for the assessment of Autism with the Autism Diagnostic Observation Scale ADOS

Ms. Gallego Díaz, Mireia
- Hospital Speech Therapist
- Occupational Therapist
- Speech Therapist Expert in Swallowing Disorders

Ms. García Gómez, Andrea
- Speech therapist specialized in Acquired Brain Injury Neurorehabilitation
- Speech therapist at UNER Clinic
- Speech therapist at Integra Brain Injury
- Speech therapist at Ineuro
- Graduate in Speech Therapy
- Master's Degree in Speech Therapy Neurorehabilitation in Acquired Brain Injury

Ms. Jiménez Jiménez, Ana
- Clinical Neuropsychologist and Social Worker
- Clinical Neuropsychologist at Integra Cerebral Damage
- Neuropsychologist at UNER Clinic
- Educator of the Social Action Team Murcia in Cáritas Spain
- Degree in Social Work at the University of Murcia
- Degree in Psychology from the National University of Distance Education (UNED)
- Master's Degree in Clinical Neuropsychology from the European University Miguel de Cervantes
- Master's Degree in Management adn Administration from the National University of Distance Education (UNED)

Ms. López Samper, Belén
- General Health Psychology and Clinical Neuropsychologist
- Psychologist at the Alcaraz Institute
- Psychologist at the IDEAT Centre
- Neuropsychologist at the UNER Clinic - Comprehensive Evaluation and Rehabilitation of Brain Injury.
- Specialized in Child and Adult Neurorehabilitation at Centro Integral de Daño Cerebral
- Master's Degree in Special Educational Needs and Early Care, Developmental and Child Psychology from the International University of Valencia
- Master's Degree in Clinical Neuropsychology by the Spanish Association of Clinical Cognitive Behavioral Psychology
- Master's Degree in General Health Psychology from the University of Valencia
- Degree in Psychology from the Miguel Hernández University of Elche

Ms. Martín Bielsa, Laura
- Director of Multidisciplinary Center Dime Más
- CFP Estill Voice Training
- Degree in Speech Therapy
- Graduate in Teaching
- Dean of the Professional Association of Speech Therapists of Aragon

Ms. Muñoz Boje, Rocío
- Occupational Therapist Specialist in Neurorehabilitation in the Uner Clinic
- Degree in Occupational Therapy

Ms. Navarro Maruenda, Laura

- Neuropsychologist at the Kinemas Center
- Specialist in Child and Adult Neurorehabilitation at Centro Integral de Daño Cerebral
- Master's Degree in Speech in Neurorehabilitation and Vital Function Analysis
- Neuropsychologist at INEURO
- Neuropsychologist at Uner La Clinic
- Degree in Psychology from the Miguel Hernández University of Elche
- Master's Degree in Health Psychology from the Miguel Hernández University of Elche
- Master's Degree in Clinical Neuropsychology from the European University Miguel de Cervantes
- Master's Degree in Pediatric Neurology and Neurodevelopment by CEU Cardena Herrera University

Ms. Santacruz García, Raquel

- Specialist in Pedagogy and Nutrition
- Dietician of the Hispanic Ballet Company
- Dancer at the Andalusian Dance Center
- Graduate in Human Nutrition and Dietetics by the Catholic University San Antonio
- Specialist in Dance Pedagogy by the Theatre Institute of Barcelona
- Intermediate Degree in Classical Dance at the Conservatory of Murcia

Ms. Sanz Pérez, Nekane

- Clinical Speech Therapist specialized in Acquired Cerebral Palsy
- Teacher in Iberocardio for Aspace (Main Confederation and Entity for Cerebral Palsy Care in Spain)

Ms. Selva Cabañero, Pilar

- Nurse Specialist in Obstetric-Gynecological Nursing (Midwife)
- Obstetric-Gynecological Nursing Teaching Unit of the University of Murcia Santa Lucía General University Hospital
- Publication, Ankyloglossia and the Success of Breastfeeding, ISBN13: 978- 84- 695- 5302- 2. 2012

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

04
Structure and Content

This academic program will cover a wide range of content essential for a comprehensive and practical understanding of vocal management. Therefore, topics will include the detailed evaluation of vocal function using advanced tools such as laryngoscopy and acoustic analysis, as well as the identification and analysis of the different vocal pathologies. They will also analyze the anatomical and functional aspects of the phonatory system, providing a solid foundation for effective rehabilitation of vocal disorders, examining the most current diagnostic and treatment techniques.
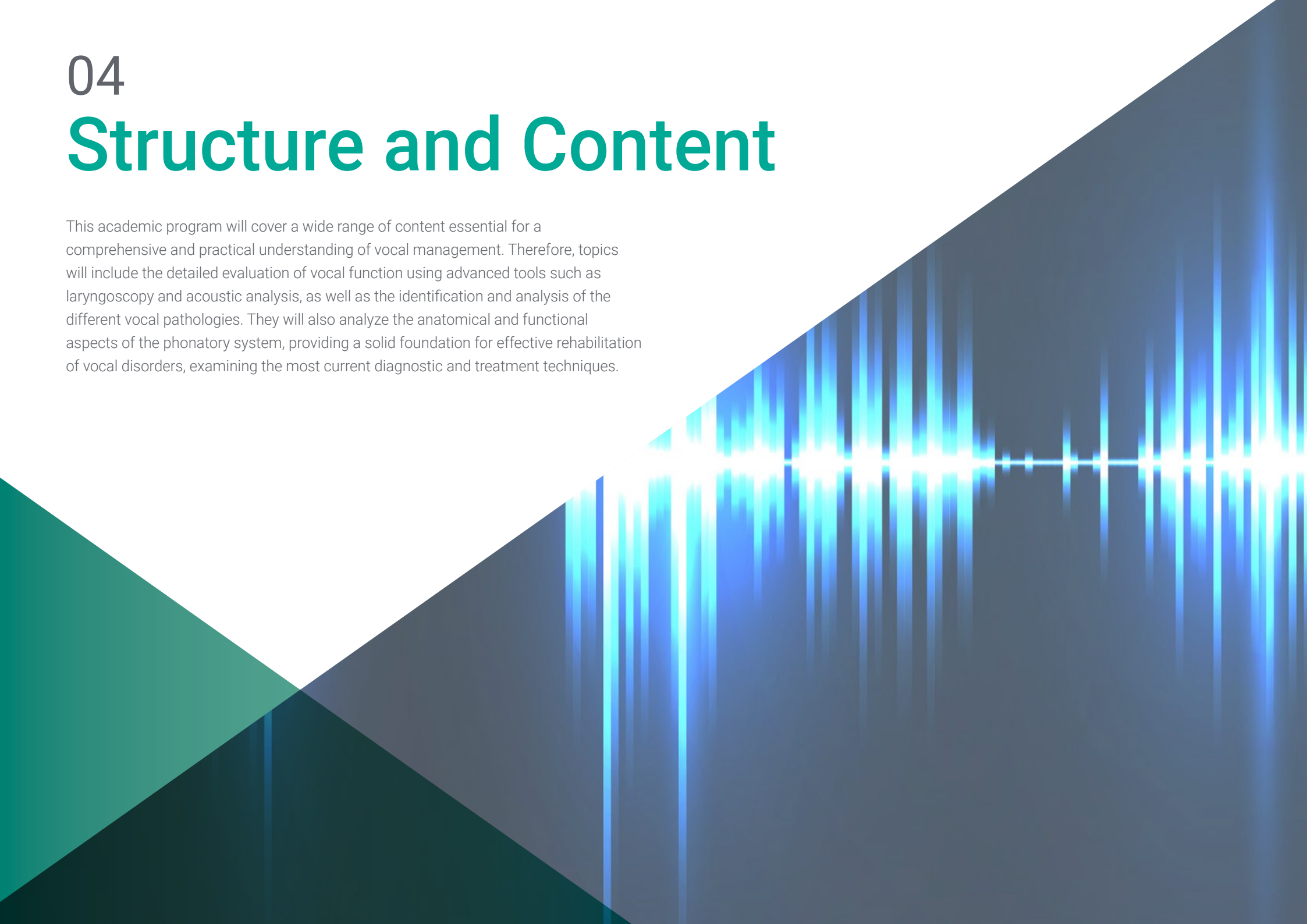
" You will analyze the different vocal pathologies, current therapeutic approaches and the resolution of real case studies. What are you waiting for to enroll?"

Module 1. Anatomy and Physiology of the Voice Vocal Chord Status

1.1.   Voice Anatomy
    1.1.1.   Laryngeal Anatomy
    1.1.2.   Respiratory Structures Involved in Phonation
        1.1.2.1. Chest
        1.1.2.2. Airway
        1.1.2.3. Respiratory Musculature
    1.1.3.   Laryngeal Structures Involved in Phonation
        1.1.3.1. Laryngeal Skeleton
        1.1.3.2. Cartilage
        1.1.3.3. Joints
        1.1.3.4. Musculature
        1.1.3.5. Innervation
    1.1.4.   Structures of the Vocal Tract Involved in Phonation
        1.1.4.1. Linear Source-Filter Model
        1.1.4.2. Non-Linear Source-Filter Model
1.2.   Voice Physiology
    1.2.1.   Histology of Vocal Folds
    1.2.2.   Biomechanical Properties of the Vocal Folds
    1.2.3.   Myoelastic Mucoondulatory Theory and Aerodynamic Theory
1.3.   Pathological Voice
    1.3.1.   Euphonia vs Dysphonia
    1.3.2.   Vocal Fatigue
    1.3.3.   Acoustic Signs of Dysphonia
    1.3.4.   Classification of Dysphonia
1.4.   Medical- Surgical Treatment
    1.4.1.   Phonosurgery
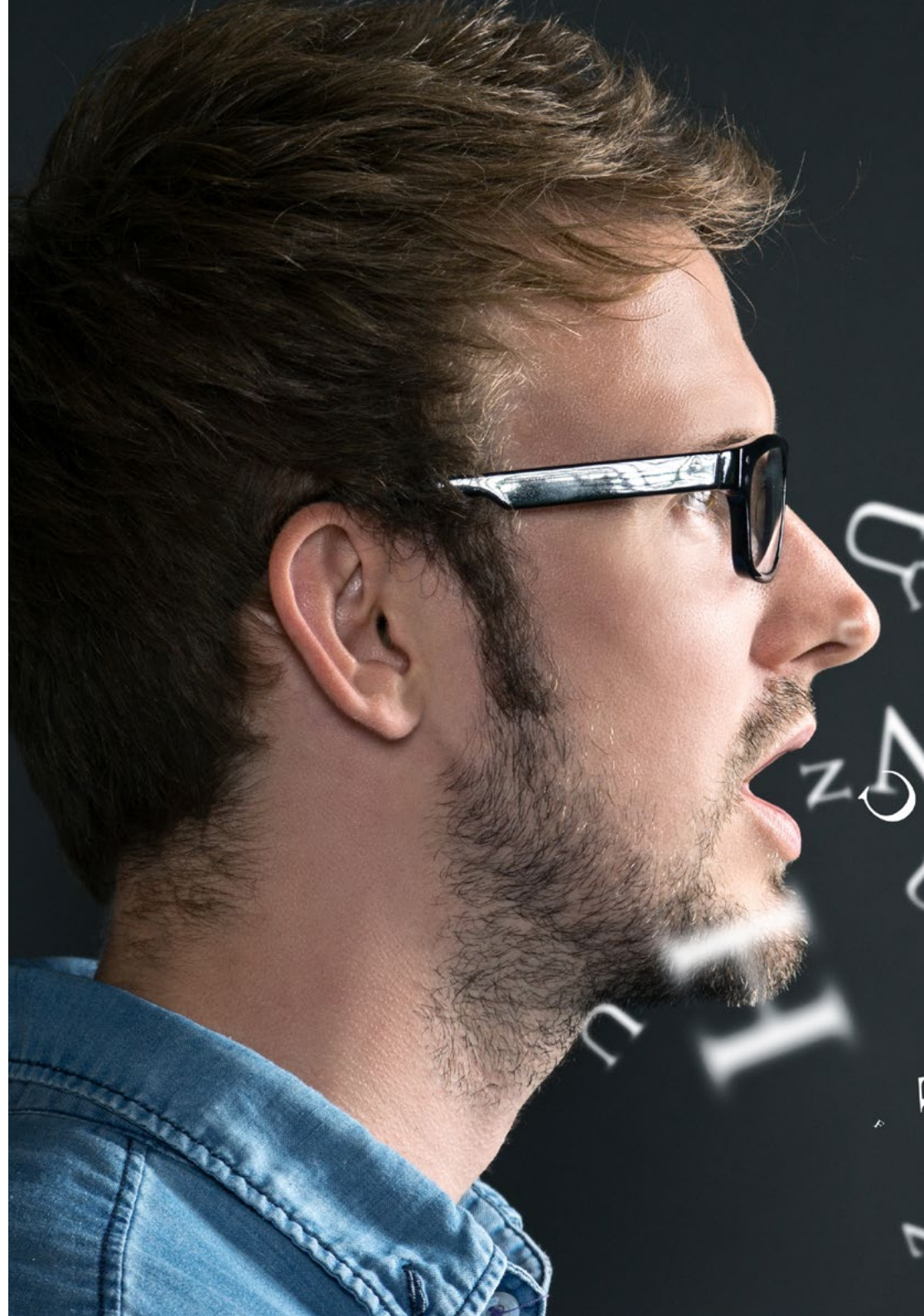   1.4.2.   Laryngeal Surgery
    1.4.3.   Medication in Dysphonia

Module 2. Vocal Rehabilitation

You will perform objective voice assessments and apply intervention strategies tailored to the specific needs of patients, with a holistic view that considers the voice as a global ability of the person"

05
Methodology

This academic program offers students 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.

" *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 Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses 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 nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.

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

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

This 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 is a real revolution compared to the simple study and analysis of cases.

The nurse 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.

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 we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical 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.
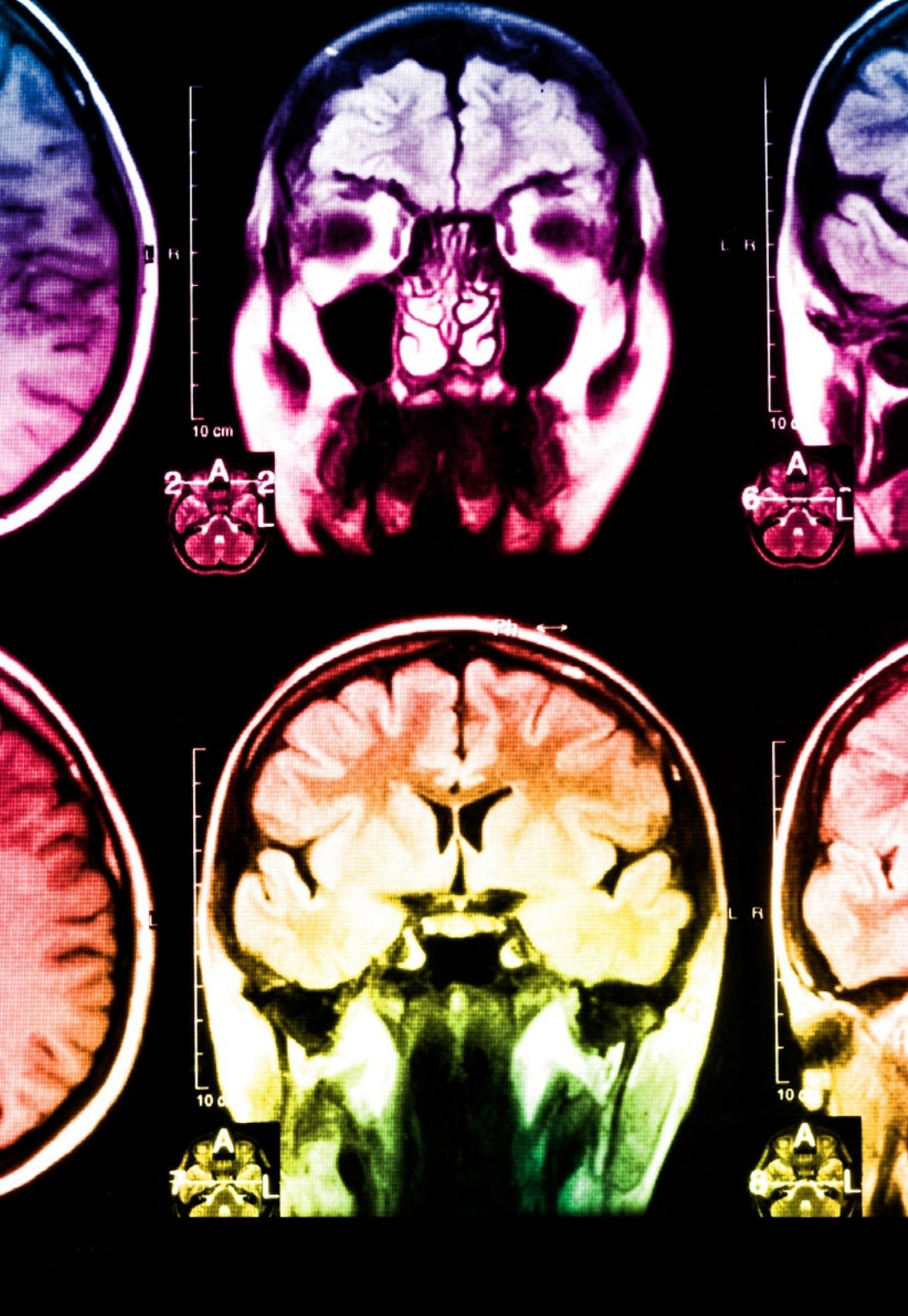
This program offers the best educational material, prepared with professionals in mind:
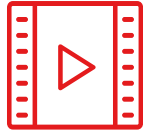
Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really 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.

20%

Nursing 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 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 them as many times as you want.

15%

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".

15%

3%

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%

17%

7%

3%
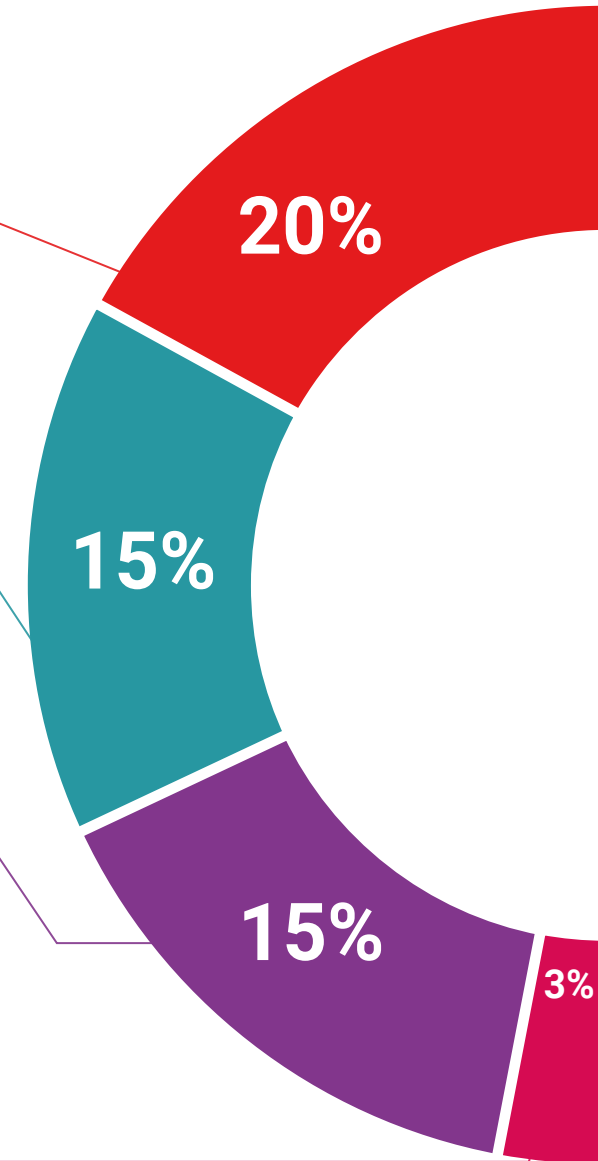
Expert-Led Case Studies and Case Analysis

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

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

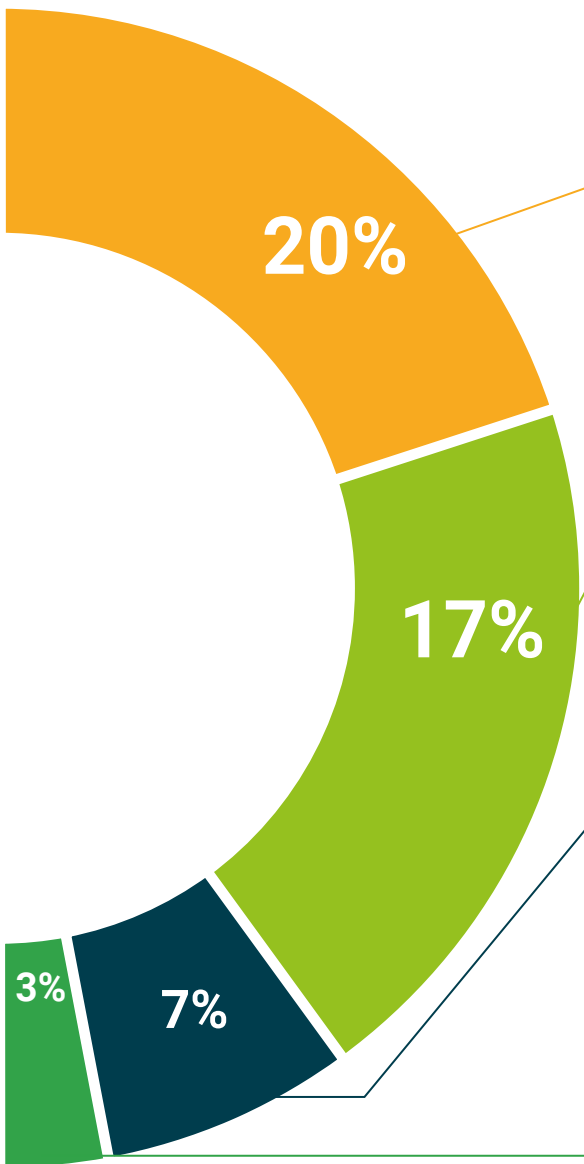There is scientific evidence suggesting that observing third-party experts can be useful.

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.

Certificate

The Postgraduate Certificate in Assessment and Treatment of Voice Disorders for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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

This private qualification will allow you to obtain a **Postgraduate Certificate in Assessment and Treatment of Voice Disorders for Nursing** 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** 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 Certificate in Assessment and Treatment of Voice Disorders for Nursing**

Modality: **online**

Duration: **12 weeks**

Accreditation: **10 ECTS**

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tech global university

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Assessment and Treatment of Voice Disorders for Nursing

This is a private qualification of 300 hours of duration equivalent to 10 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
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

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*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.

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