

Postgraduate Certificate Neurological Dysphagia





Postgraduate Certificate Neurological Dysphagia

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

Website: www.techtitute.com/us/medicine/postgraduate-certificate/neurological-dysphagia

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01

Introduction

The incidence and prevalence of Neurological Dysphagia have increased in recent decades, mainly due to the aging of the population and its association with neurological diseases, such as stroke or multiple sclerosis. Therefore, it is crucial for medical professionals to be up-to-date on this disorder, as they can take preventive measures and collaborate with other specialists in developing an appropriate treatment plan. To address this need, TECH has created a 100% online program that offers physicians an in-depth delve into this field. With the help of multimedia resources that can be accessed at any time through devices with Internet connection.





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*In just 6 weeks you will
address Dysphagia in patients
with dysarthria and aphasia”*

Neurological Dysphagia is a disorder that can manifest itself at any stage of life. However, in recent decades a prevalence has been noted in older people. This anomaly is associated with various congenital diseases, structural alterations and Neurological pathologies, being especially relevant in cases of Parkinson's, Multiple Sclerosis, Alzheimer's, among others.

This condition not only affects people's physical health, but also their emotional well-being and social participation, having a significant impact on their quality of life. Sufferers often avoid eating in public due to feelings of panic or anxiety, and a large proportion report that their food intake is lower than usual. In addition, this condition is associated with increased mortality, prolonged hospitalization times, dehydration and malnutrition.

In this sense, it is important for medical personnel to be up-to-date on the latest advances in this condition in order to make a proper diagnosis and take preventive measures to minimize these risks and guarantee safe food consumption. In response to this health need, TECH has developed this Postgraduate Certificate in Neurological Dysphagia, which will allow the professional to be at the forefront in the impact, warning signs, management strategies, and guidelines to treat it.

To achieve it, this program is presented in a 100% online format with quality teaching materials, such as interactive summaries and specialized readings. These resources will be located in a virtual library that can be accessed at any time and place, as it will not be subject to a fixed schedule. This methodology, added to the Relearning implemented by TECH, will ensure that the student learns with less effort and more performance.

This **Postgraduate Certificate in Neurological Dysphagia** 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 Otorhinolaryngology and Speech Therapy
- ◆ 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
- ◆ Practical exercises where self-assessment can be used 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



TECH has created a flexible, 100% online program to meet the real needs of professionals"

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You will investigate Dysphagia in cerebral palsy and discover how it affects people with this neuromotor condition”

You will discover how Dysphagia affects Huntington's disease and the best swallowing maneuvers to improve symptoms.

You will delve into the most rigorous studies addressing Dysphagia in multiple sclerosis and how this condition impacts swallowing.

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.

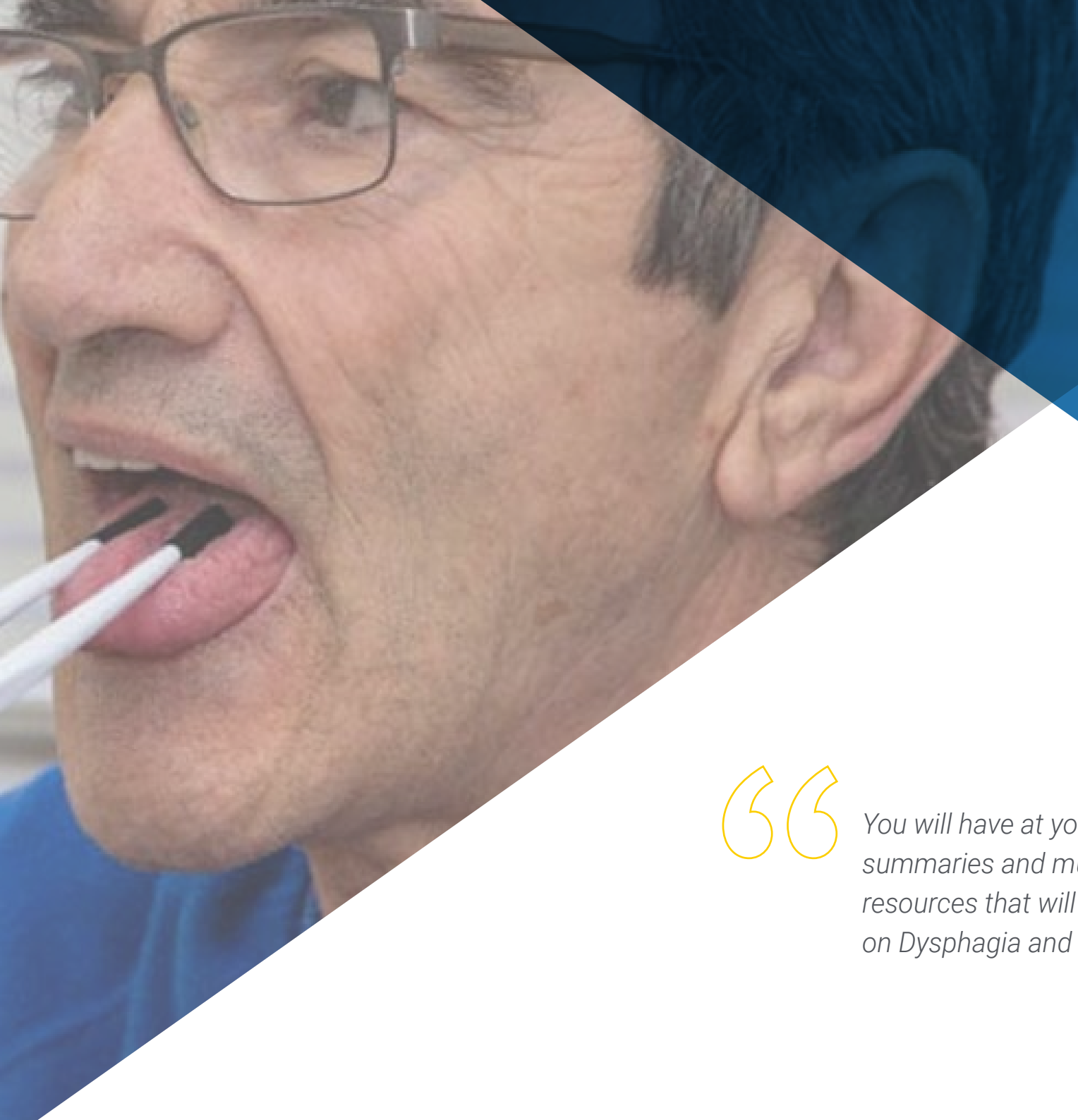
This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the educational year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced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



02 Objectives

The main objective of this program is to provide the physician with the most up-to-date tools with which to develop a plan for the diagnosis, treatment, and management of swallowing disorders caused by Neurological disorders. This involves assessing and understanding the physiology and pathology, identifying the underlying causes of Dysphagia, determining the degree of impairment, and developing individualized care plans to improve feeding safety and effectiveness. In addition, the professional will focus on optimizing the quality of life of patients, preventing complications in order to provide comprehensive and multidisciplinary care.





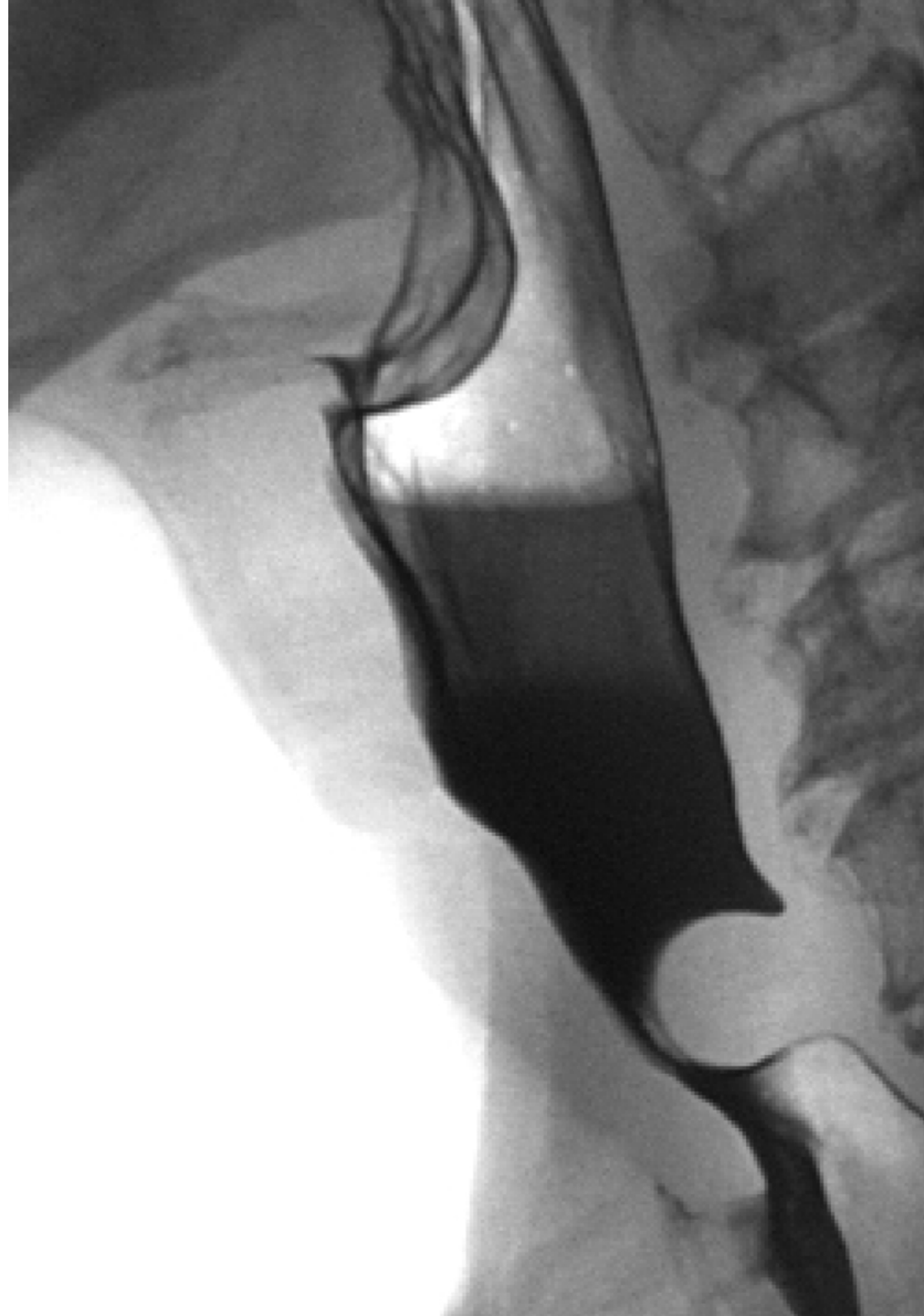
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You will have at your disposal interactive summaries and multiple multimedia resources that will help you with your update on Dysphagia and post-stroke rehabilitation"



General Objectives

- ◆ Update theoretical and practical knowledge about Dysphagia
- ◆ Develop clinical assessment skills
- ◆ Design and implement treatment plans according to the most current procedures
- ◆ Delve into the most up-to-date technologies and techniques
- ◆ Encourage interdisciplinary collaboration





Specific Objectives

- ◆ Describe Neurological Dysphagia
- ◆ Point to neurological diseases that can cause Dysphagia
- ◆ Explore disorders such as stroke, Parkinson's disease
- ◆ Identify the signs and symptoms of neurological Dysphagia

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You will delve into the prevalence of Dysphagia in Parkinson's patients and discover the foods that promote swallowing"

03

Course Management

The program has a highly specialized teacher team with extensive clinical experience in the field of Dysphagia. These professionals are skilled in caring for patients of all ages, from adults to children, which gives them in-depth knowledge in this area. In addition, they have excelled as researchers, disseminators and teachers in prestigious educational environments. As a result, graduates will obtain a complete in-depth delve from authentic experts in this field.





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You will master Dysphagia in Guillain-Barré Syndrome and Myasthenia Gravis, thanks to this Postgraduate Certificate offered only by TECH”

International Guest Director

Julie Stierwalt, M.D., is a leading consultant in the Division of Speech Pathology within the Department of Neurology at the Mayo Clinic in Rochester. With an outstanding track record in the diagnosis and treatment of Speech, Language, Cognitive and Swallowing Disorders, she has set a standard of excellence in her field. Her clinical focus has been on optimizing communication for people with both acute and progressive conditions.

She has also been recognized internationally for her research and contributions in areas such as Aphasia, Frontotemporal Dementia, Amyotrophic Lateral Sclerosis (ALS) and Functional Speech Disorders. In fact, her publications in high impact scientific journals have provided valuable insights into the treatment and diagnosis of these disorders, significantly influencing clinical practice and health policy. In addition, her interest in telepractice has been crucial in expanding access to Speech Pathology services, especially in times of pandemic.

She has also been the recipient of numerous awards and honors throughout her career, including the Leadership Award from the College of Communication and Information at Florida State University, as well as her appointment as a Fellow of the American Speech-Language-Hearing Association (ASHA). In this way, with her unwavering commitment to improving the communication and quality of life of her patients, Dr. Julie Stierwalt has become a key figure in the field of Speech Pathology, as well as an international reference in the treatment of Speech, Language and Swallowing Disorders. In this regard, her work continues to inspire healthcare professionals and benefit countless patients around the world.



Dr. Stierwalt, Julie

- Consultant for the Division of Speech Pathology, Department of Neurology, Mayo Clinic, United States
- Speech-Language Pathologist at the Mayo Clinic
- Specialist in Neurological Disorders of Communication
- PhD in Speech-Language Pathology from the University of Iowa
- Master's Degree in Speech Pathology, University of Northern Iowa
- B.S. in Speech Pathology, University of Northern Iowa
- Member of: Alternative and Augmentative Communication Task Force (Division of Speech Pathology), Cognitive Evaluation Committee (Division of Speech Pathology), Dysphagia Research Society, American Speech-Language-Hearing Association

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

Management



Ms. Marcos Galán, Victoria

- Director of the Crecemos contigo center and Neuro-logist
- Specialist in Voice Pathology and Myofunctional Therapy
- Professor, Department of Physiotherapy in Health Sciences, Castilla La Mancha University
- Trainer in health specialization courses in Speech Therapy Intervention
- Specialist in Voice Pathology from the University of Alcalá de Henares
- Degree in Speech Therapy from the Complutense University of Madrid



Mr. Maeso i Riera, Josep

- ◆ Director of the Otorhinolaryngology Section of the Otorhinolaryngology Ophthalmology Center of Egara
- ◆ Assistant Physician of the Otorhinolaryngology Service in the Head and Neck Section of the Mútua de Terrass University Hospital
- ◆ Physician in charge of the Dacryology Section (Ophthalmology Service) of the Delfos Medical Center
- ◆ Head of the Otorhinolaryngology Department at Sanitas CIMA Hospital
- ◆ Collaborating physician in the Otorhinolaryngology office of the Sanitas offices
- ◆ Specialist in Otorhinolaryngology
- ◆ Doctor in Medicine and Surgery from the Autonomous University of Barcelona
- ◆ Degree in Medicine and Surgery from the Autonomous University of Barcelona
- ◆ Diploma in Hospital Management from the School of Business Administration and Management
- ◆ Member of: Catalan Society of Oto-Rhino-Laryngology, Spanish Society of Otolaryngology and Cervico-Facial Pathology, and American Academy of Otolaryngology-Head and Neck Surgery

Professors

Ms. Gallego, Indira

- ◆ speech therapist at Neuro-logo Center
- ◆ Speech therapist at the Public School of Special Education BIOS in Talavera de la Reina
- ◆ Erre que erre Speech Therapy Center of Toledo

04

Structure and Content

The content of this Postgraduate Certificate has been developed by an outstanding teacher with extensive experience in the management of Dysphagia. It is for this reason that the physician will encounter the different types of dysarthria and aphasia, and how they affect swallowing, the neuromotor affectations of cerebral palsy and how this pathology affects people. A program that will allow the healthcare professional to delve deeper into this condition through a 100% online methodology and that will be flexible with their daily activities since they will not be subject to fixed schedules.





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With the Relearning method, you will avoid spending long hours studying and will be able to focus on the most important concepts in an efficient way”

Module 1. Neurological Dysphagia

- 1.1. Dysphagia in Dysarthria and Aphasia
 - 1.1.1. Spastic, Flaccid, Ataxic Dysarthria
 - 1.1.2. Hypokinetic, Hyperkinetic and Mixed Dysarthria
 - 1.1.3. Fluent Aphasias
 - 1.1.4. Non-Fluent Aphasias
- 1.2. Dysphagia in Alzheimer's Disease and Dementias
 - 1.2.1. Mild, Moderate or Severe Dementia
 - 1.2.2. Consequences of Dysphagia in People with Alzheimer's Disease and Dementia
 - 1.2.3. Warning Signs
 - 1.2.4. Strategies to Improve Feeding in Advanced Dementia
- 1.3. Dysphagia in Cerebral Palsy
 - 1.3.1. Neuromotor Impairments in Cerebral Palsy
 - 1.3.2. How Dysphagia Affects People with Cerebral Palsy
 - 1.3.3. Myofunctional Therapy
 - 1.3.4. Food and Nutrition
- 1.4. Dysphagia in ALS (Amyotrophic Lateral Sclerosis)
 - 1.4.1. How Dysphagia Affects People with ALS
 - 1.4.2. Signs and Alerts for Detection
 - 1.4.3. Maneuvers to Improve Swallowing
 - 1.4.4. Food and Nutrition
- 1.5. Dysphagia in Multiple Sclerosis
 - 1.5.1. How Dysphagia Affects Sclerosis
 - 1.5.2. Symptoms
 - 1.5.3. Neuromuscular Electrical Stimulation
 - 1.5.4. Strategies for Swallowing Improvement
- 1.6. Dysphagia in Cerebrovascular Accident (CVA) and Traumatic Brain Injury (TBI)
 - 1.6.1. Dysphagia According to Lesion Location
 - 1.6.2. Effects of CVA and TBI on Swallowing
 - 1.6.3. Frequency of Dysphagia after Stroke or TBI
 - 1.6.4. Swallowing Maneuvers





- 1.7. Dysphagia in Parkinson's Disease
 - 1.7.1. How Parkinson's Affects Swallowing
 - 1.7.2. Warning Signs for Detection
 - 1.7.3. High Prevalence of Dysphagia in People with Parkinson's Disease
 - 1.7.4. Foods that Promote Swallowing in Parkinson's Disease
- 1.8. Dysphagia in Guillain-Barré Syndrome and Myasthenia Gravis
 - 1.8.1. How Dysphagia Affects Guillain-Barré Syndrome
 - 1.8.2. How Dysphagia Affects Myasthenia Gravis
 - 1.8.3. Strategies for Action
 - 1.8.4. Food and Nutrition
- 1.9. Dysphagia in Huntington Disease
 - 1.9.1. How Dysphagia Affects Huntington Disease
 - 1.9.2. Symptoms
 - 1.9.3. Swallowing Maneuvers
 - 1.9.4. Nutritional Status of People with Huntington's Disease
- 1.10. Dysphagia in Epilepsy
 - 1.10.1. Tonic Epilepsy
 - 1.10.2. Atonic Epilepsy
 - 1.10.3. Clonic Epilepsy
 - 1.10.4. Myoclonic Epilepsy

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You will delve into the management of Dysphagia in different types of epilepsy, including tonic, atonic, clonic and myoclonic”

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.





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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 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 will 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 power 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 achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of 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.



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 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 mere 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 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 highly 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

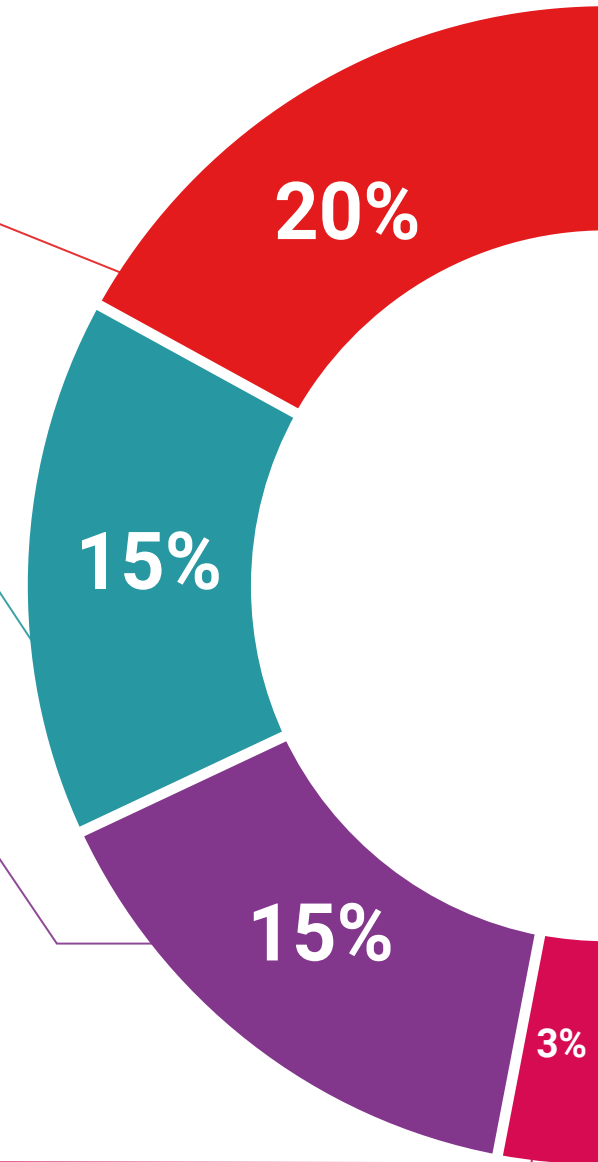
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

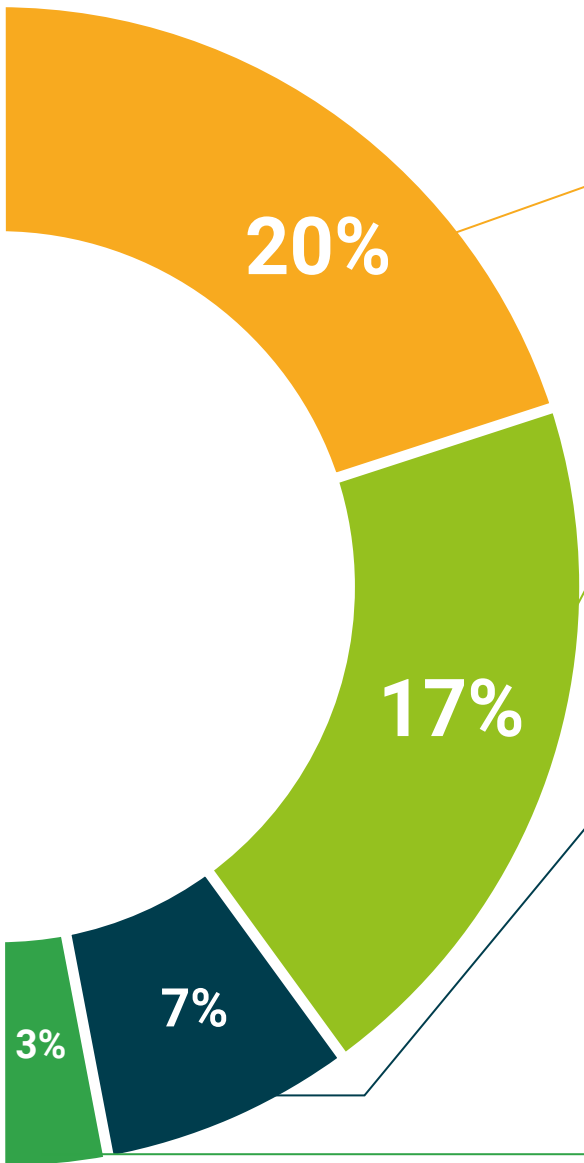
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as 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 Neurological Dysphagia 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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Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Neurological Dysphagia** 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 Neurological Dysphagia**

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

online training

development languages

virtual classroom

tech global
university

Postgraduate Certificate Neurological Dysphagia

- » Modality: online
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Postgraduate Certificate Neurological Dysphagia