

# Postgraduate Certificate Dysphagia and Feeding





## Postgraduate Certificate Dysphagia and Feeding

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

Website: [www.techtute.com/us/medicine/postgraduate-certificate/dysphagia-feeding](http://www.techtute.com/us/medicine/postgraduate-certificate/dysphagia-feeding)

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# 01

# Introduction

Dysphagia can have a significant impact on the quality of life of those who suffer from it. However, in recent years, advances in the creation of food textures, alternative feeding methods and specific therapies have been perfected. For this reason, it is essential for the medical professional to be aware of these advances in the field of Dysphagia and new techniques in nutrition. With this in mind, TECH has designed a 100% online program that will provide the professional with the knowledge required to perform in this field. This program is presented together with a series of teaching materials that can be accessed from any electronic device with an Internet connection.







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*A 6-month Postgraduate Certificate that  
will update you in Dysphagia and Feeding”*

Nowadays, physicians are increasingly specializing in the early detection and early treatment of any type of feeding difficulties in patients with dysphagia, in order to ensure a healthy development in the future. For this reason, many professionals show great interest in the cause and comprehensive approach to this problem, working in collaboration with other health professionals.

In this way, significant advances have been made in the adaptation of foods for Dysphagia, whether in liquid or solid form, in the use of appropriate medications, as well as in the techniques employed to prevent malnutrition, dehydration and mortality. These advances have led TECH to develop the Postgraduate Certificate in Dysphagia Treatment.

This program focuses on delving into the most recent research on this disorder, its management in patients with acquired brain injuries, craniofacial anomalies or respiratory diseases, among others. In addition, special attention will be given to safety, efficacy and interdisciplinary decisions in the Feeding of patients with dysphagia.

This program is presented in a 100% online format that brings together a series of excellent teaching materials. All these elements are consolidated in a virtual library available at any time and place, without restrictions. This methodology, in combination with the application of the Relearning approach developed by TECH, will ensure that students acquire knowledge efficiently and obtain outstanding results, minimizing their effort to the maximum. In addition, it will give professionals the flexibility to manage their time and carry out their daily activities since they will not be subject to fixed schedules.

This **Postgraduate Certificate in Dysphagia and Feeding** 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 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



*You will learn about advances in the approach to Dysphagia and diet classification"*

“

*You will delve into clinical cases that will allow you to identify the signs and symptoms of Dysphagia and provide guidelines for swallowing”*

*If you have a digital device with an Internet connection you will be able to access this 100% online program whenever and wherever you want.*

*You can delve into the rheological characteristics of the thickened liquid at any time.*

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. This will be done with the help of an innovative system of interactive videos made by renowned experts.





# 02 Objectives

The objective of this Program is to provide professionals with the most outstanding scientific discoveries in the field of Dysphagia Feeding, as well as its practical and direct application in the clinical setting. To this end, participants will have at their disposal teaching resources of excellent quality, in which TECH has used the latest technologies used in higher education systems.







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*A program that will provide you with the most recent and rigorous lines of research on Dysphagia and Feeding"*



## General Objectives

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- ◆ 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

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- ◆ Delve into the effects of Dysphagia on Feeding
- ◆ Delve into changes in the consistency of foods and liquids
- ◆ Identify adaptive Feeding techniques
- ◆ Identify nutritional and hydration challenges



*This program will bring you up-to-date on the most advanced clinical assessment techniques in Feeding for patients with Dysphagia"*

03

# Course Management

TECH has assembled in this educational program a distinguished faculty with extensive clinical experience in swallowing difficulties. This experience is reflected in the comprehensive curriculum that students will have access to at all times, 24 hours a day. In this way, professionals will be able to effectively update their knowledge in the field of Dysphagia Feeding thanks to the guidance of the best specialists in this field of medical care.







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*An educational path that will guide you through the methods for assessing the viscosity of liquids”*

## 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

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- 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



### Dr. 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





### **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

## **Professors**

### **Ms. Aniceto, Elena**

- ◆ speech therapist at Neuro-logo Center
- ◆ Specialist in infant audiology and auditory-verbal therapy
- ◆ Speech therapist from the Complutense University of Madrid

# 04

## Structure and Content

The syllabus addresses important aspects related to Feeding in patients with Dysphagia. In this way the professional will be able to delve into the safety, efficacy and interdisciplinary decisions in Feeding in patients with Dysphagia, the general guidelines on food intake, and food properties. It will also explore the modification of the viscosity of liquids and the texture of solids and the hydration of the patient with Dysphagia. This content is offered in a 100% online format that will give physicians total freedom to access it at any time and place since they only need a device with an Internet connection.





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*A plan of studies tailored to your needs  
and designed under the most effective  
pedagogical methodology, Relearning”*



## Module 1. Dysphagia and Feeding

- 1.1. Safety, Efficacy and Interdisciplinary Decisions on Feeding in Patients with Dysphagia
  - 1.1.1. How Dysphagia Affects Feeding
  - 1.1.2. Dietary Classification
  - 1.1.3. Classification of Food Administration Routes
  - 1.1.4. Steps to Choose the Right Type of Diet
- 1.2. General Intake Guidelines
  - 1.2.1. Environmental Measurements
  - 1.2.2. Guidelines Before Eating
  - 1.2.3. Mealtime Guidelines
  - 1.2.4. Post-Meal Guidelines
- 1.3. Oral Habits and Oral Hygiene
  - 1.3.1. Importance of Maintaining Good Oral Hygiene
  - 1.3.2. Oral Brushing Procedure
  - 1.3.3. Oral Care Guidelines
  - 1.3.4. Oral Hygiene Materials
- 1.4. Food Properties
  - 1.4.1. Textural Qualities of Food
  - 1.4.2. Fluid Properties
  - 1.4.3. Solids Properties
  - 1.4.4. Organoleptic Properties of Foods
- 1.5. Volume Adaptation
  - 1.5.1. Volume Definition
  - 1.5.2. Volume Classification
  - 1.5.3. Relationship between Physiology and Volume During Swallowing
  - 1.5.4. Changes in Volume for the Treatment of Dysphagia
- 1.6. Modification of Viscosity of Liquids and Texture of Solids
  - 1.6.1. Liquid Viscosity Levels
  - 1.6.2. Methods for Assessing the Viscosity of Liquids
  - 1.6.3. Solid Viscosity Levels
  - 1.6.4. Methods for Assessing the Viscosity of Solids







- 1.7. Hydration of the Patient with Dysphagia
  - 1.7.1. Definition, Classification and Characteristics of Thickening Agents
  - 1.7.2. Rheological Characteristics of the Thickened Liquid
  - 1.7.3. Sensory Characteristics of Thickened Liquids
  - 1.7.4. Factors Altering the Action of Thickeners
  - 1.7.5. Gelled Waters
- 1.8. Feeding of the Patient with Dysphagia
  - 1.8.1. Food to Avoid
  - 1.8.2. Thickeners
  - 1.8.3. Commercial Preparations
  - 1.8.4. Oral Supplements
- 1.9. Medication Adaptation
  - 1.9.1. Non-Adaptable Drugs
  - 1.9.2. Drugs for Liquid Dysphagia
  - 1.9.3. Drugs for Solid Dysphagia
  - 1.9.4. Drugs for Dysphagia to Solids and Liquids
- 1.10. Dysphagia Feeding Support Products
  - 1.10.1. Dishes
  - 1.10.2. Covered
  - 1.10.3. Vessels
  - 1.10.4. Others

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*Thanks to TECH you will  
be up-to-date on drugs for  
liquid and solid Dysphagia”*

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. 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, 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 Dysphagia and Feeding 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 Dysphagia and Feeding** 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 Dysphagia and Feeding**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 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 quality

online training

development languages

virtual classroom

**tech** global  
university

## Postgraduate Certificate Dysphagia and Feeding

- » Modality: online
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# Postgraduate Certificate Dysphagia and Feeding

