

**Postgraduate Certificate**  
Rehabilitation Medicine  
Approach of Persons Affected  
by Cognitive Impairment





## Postgraduate Certificate Rehabilitation Medicine Approach of Persons Affected by Cognitive Impairment

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 8 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: <https://www.techtitute.com/us/medicine/postgraduate-certificate/rehabilitation-medicine-approach-persons-affected-cognitive-impairment>

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 18*

05

Methodology

---

*p. 22*

06

Certificate

---

*p. 30*

# 01

# Introduction

Cognitive Impairment in geriatric patients requires a specific intervention orientation from Rehabilitation Medicine. This work benefits from the many advances and updates that have been made in this area and that provide more possibilities for intervention. Supported by the most innovative advances in this field, this program will provide the most comprehensive knowledge on the subject, with a high quality multidisciplinary and advanced approach.





“

*Developments that have enhanced work capacity and outcomes of people with cognitive impairment in Rehabilitation Medicine are compiled in a high-impact educational program”*

In geriatrics, rehabilitation medicine professionals often work with approaches of people with cognitive impairment. This field of work, so relevant and in constant renovation, is nourished by the advances and updates that are appearing and being incorporated to the praxis. Keep their skills current is essential for doctors in this field to improve patient's quality of life.

To do this, professionals must assess and explore the patient's resistance and physiological reserves in order to establish the appropriate framework for action, home care, residential care, day care centers, social centers or private clinics.

It is therefore essential to know the tools of physiotherapy and the appropriateness of its application in each case, such as active exercise, manual therapy, electrotherapy being able to work in interdisciplinary team, with appropriate communication tools; understanding the concept of person-centered care, having the most up-to-date knowledge of support devices and even the support of current technology can be key to success in physiotherapy treatment.

This **Postgraduate Certificate in Rehabilitation Medicine Approach of Persons Affected by Cognitive Impairment** 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 Geriatric Rehabilitation Medicine
- 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



*An intensive course that will give students the most up-to-date knowledge, which will allow them to work on maintaining their mental capacity for as long as possible or to improve their condition"*

“

*A comprehensive study into the different pathologies and situations for intervention in rehabilitation medicine for patients with mental disorders”*

*A methodological approach based on proven teaching techniques to allow students to learn in a dynamic and effective way.*

*With the support of high-quality audiovisual systems, the purpose of this Postgraduate Certificate is that students not only acquire the knowledge, but that, upon completion, students possess the working skills needed in this field.*

The program includes, in its teaching staff, professionals from the sector who bring to this program experience from their work, in addition to recognized specialists from prestigious reference societies and universities.

Its multimedia content, developed with the latest educational technology, will provide professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive training designed to train for real situations.

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



# 02 Objectives

A Postgraduate Certificate that will allow students to be trained in the rehabilitation treatment of geriatric patients suffering from cognitive impairment, with the quality of a high-level program. The objective is to provide the student with specialized knowledge by creating a well-structured foundation to identify the clinical signs associated with the different needs and developments, providing a broad and contextual view of the activity in this field today.







“

*Further your skills with the assurance  
of a fully up-to-date professional”*



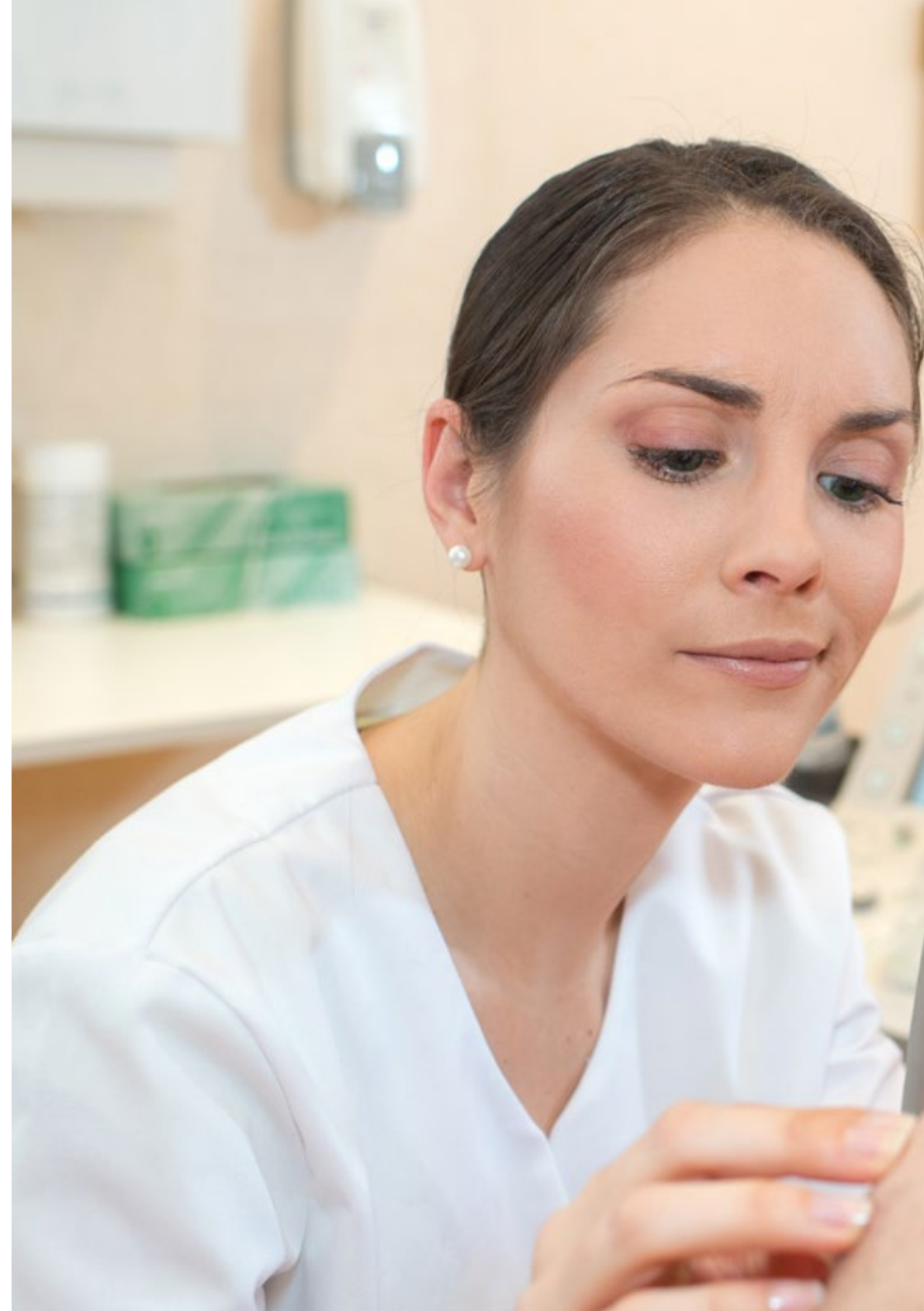
## General Objective

---

- Develop a critical and reasoned attitude, based on the most recent scientific evidence, towards the physiotherapeutic diagnosis in elderly patients and be able to apply adequate treatment in order to reduce functional impotence, frailty and deterioration, therefore favoring an improvement to physical and mental health in old age



*Take the opportunity to stay up-to-date on the latest developments in Rehabilitation Medicine approaches for persons affected with Cognitive Impairment”*





## Specific Objectives

---

- ♦ Define the risk factors, epidemiology, diagnosis and treatment of cognitive impairment
- ♦ Define the risk factors, epidemiology, diagnosis and treatment of dementia
- ♦ Define the types of cognitive impairment: possible classifications
- ♦ Define the causes and effects of cognitive impairment
- ♦ Describe the therapeutic interventions from the physiotherapy point of view
- ♦ Describe strategies to promote family adherence to treatment
- ♦ Define strategies to access the disoriented and/or disconnected user
- ♦ Explain the application of music as a tool for working with people with dementia with dementia
- ♦ Define the origin, indications and basic principles of basal stimulation
- ♦ Define the advantages of basal stimulation
- ♦ Define community intervention in physiogeriatrics

03

# Course Management

The program includes in its teaching staff specialists in physiotherapy and geriatrics, who pour into this specialization the experience of their work. In addition, other recognized specialists collaborate in its design and preparation which means that the program is developed in an interdisciplinary manner.





“

*Learn from the best professors, specialists in this field of work, in an experience of professional growth which is of great value for your CV”*

## International guest conductor

Dr. Tracy Friedlander is an eminent international expert, specialized in Physiotherapy and Rehabilitation of the elderly. Her extensive knowledge and skills in this field have enabled her to implement innovative procedures and improve the quality of life of various patients over the years.

Thanks to her high level of care, the scientist has been selected as Medical Director of the Comprehensive Acute Inpatient Rehabilitation Unit at Johns Hopkins Bayview Medical Center. She has also been part of the medical teams at the prestigious Johns Hopkins Hospital.

Her main area of expertise is Neurological Rehabilitation. In this field, the expert has scientific publications referenced in peer-reviewed journals of high impact in the health community. As such, she has focused her efforts on helping patients to control Spasticity, a muscle control disorder, through various therapeutic approaches.

In addition, some of her most outstanding research in recent years is related to the rehabilitation of patients subjected to long periods of mechanical ventilation when infected with the SARS-CoV-2 virus. She is also fully qualified to treat joint pain, fibromyalgia and chronic pain and fatigue.

Dr. Friedlander also holds official certifications from the American Board of Physical Medicine and Rehabilitation. All of this is backed by her excellent knowledge in the precise and advanced care of spinal cord injuries. On the other hand, this specialist has an excellent academic background. She graduated from Emory University in Atlanta and obtained her medical degree from the University of Maryland. She also completed her internship at Mercy Medical Center and her residency in Physical Medicine and Rehabilitation at Sinai Hospital in Baltimore.



## Dr. Friedlander, Tracy

---

- Director of the Department of Physical Medicine and Rehabilitation at Johns Hopkins Hospital.
- Medical Director of the Comprehensive Acute Inpatient Rehabilitation Unit at Johns Hopkins Bayview Medical Center
- Specialist in Neurorehabilitation and Spasticity Management
- Official certifications from the American Board of Physical Medicine and Rehabilitation
- Specialist in Physical Medicine and Rehabilitation at Sinai Hospital of Baltimore
- Medical Graduate from the University of Maryland, Baltimore
- Member of:
  - American Academy of Physical Medicine and Rehabilitation
  - American Spinal Cord Injury Association
  - Maryland Society for Physical Medicine and Rehabilitation

“

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

## Guest Director



### Mr. Castillo Martín, Juan Ignacio

- ♦ Chief of Physical Medicine and Rehabilitation Service. 12 de Octubre Hospital. Madrid
- ♦ Doctor Specialist in Physical and Rehabilitation Medicine, Ruber Juan Bravo Hospital Complex
- ♦ Rehabilitation Doctor in Traffic Accidents unit of the Ruber Juan Bravo Hospital Complex
- ♦ Rehabilitation Doctor Recoletas Cuenca Hospital
- ♦ Coordinator of continuing education of the Spanish Society of Cardiology in Exercise Testing with Oxygen Consumption
- ♦ Associate Professor Universidad Complutense de Madrid. Faculty of Medicine
- ♦ Teaching coordinator in continuing education courses at the Madrid Regional Ministry of Health: "Tertiary prevention in chronic cardiopathic patients" Cardiac Rehabilitation"
- ♦ Degree in Medicine and Surgery. University of Salamanca
- ♦ Master's Degree in Cardiac Rehabilitation. SEC-UNED
- ♦ Master's Degree in Disability Assessment Autonomous University Madrid
- ♦ Master Child Disability. Complutense University of Madrid
- ♦ Doctorate Course: Neurosciences University of Salamanca
- ♦ Member of the Spanish Society of Cardiology



## Management



### Ms. García Fontalba, Irene

- Physiotherapist and Director at Cal Moure'S
- Member of the Girona Territorial Section of the Association of Physiotherapists of Cataluña
- Creator of the blog "fisios y otras historias"
- Coordinator of the social networks group of professionals for health promotion in Girona
- More than ten years working in geriatric pathology and processes involving pain at home and in private practice

## Professors

### Dr. Pino Giráldez, Mercedes

- Specialist in Physical Medicine and Rehabilitation
- Assistant Rehabilitation Physician at the University Hospital 12, Octubre, Madrid
- Specialist in Physical Medicine and Rehabilitation, University Hospital of Guadalajara
- Rehabilitation Physician Assistant at Rey Juan Carlos I Hospital, Madrid
- Rehabilitation Physician Assistant at Torrejón de Ardoz Hospital
- Rehabilitation Physician Assistant at the University Hospital of Guadalajara
- Medical Rehabilitation Specialist at the Jiménez Díaz Foundation Hospital
- Degree in Medicine and Surgery from the University of Alcalá de Henares
- Specialist in Childhood Disability by Complutense University of Madrid
- Medical Intern Resident in Physical Medicine and Rehabilitation

### Dr. Blesa Esteban, Irene

- Medical Resident Intern. 12 de Octubre Hospital, Madrid
- Expert in musculoskeletal ultrasonography
- Doctorate from the Faculty of Medicine at the Autónoma de Madrid University
- Course on Neuropathic Pain Management for Medicine
- Course on Evaluation and prescription of therapeutic exercise
- Course in Life Support for Residents
- Supervision of doctoral thesis: Diagnosis of congenital heart disease in the first trimester of pregnancy ultrasound

#### **Dr. García, Sofía**

- ♦ Specialist in Physical Medicine and Rehabilitation, Madrid Health Service
- ♦ Specialist Doctor in Physical Medicine and Rehabilitation, Children's Rehabilitation Unit, 12 de Octubre University Hospital, Madrid
- ♦ Specialist Doctor in Physical Medicine and Rehabilitation, Language Rehabilitation Center
- ♦ Specialist Doctor, Pelvic Floor Unit, 12 de Octubre University Hospital
- ♦ Specialist Doctor in Cardiac Rehabilitation, Cardiac Rehabilitation Unit, 12 de Octubre University Hospital
- ♦ Specialist Doctor, Facial Paralysis and Neurorehabilitation Unit, La Paz University Hospital
- ♦ Specialist Doctor, Neurorehabilitation Unit, 12 de Octubre University Hospital
- ♦ Specialist Doctor in Respiratory Rehabilitation, Gregorio Marañón University General Hospital
- ♦ Specialist Doctor in Spinal Cord injury Rehabilitation, National Hospital for Paraplegics
- ♦ Degree in Medicine from San Pablo University School of Medicine
- ♦ Master's Degree in Musculoskeletal Ultrasound and Ultrasound-Guided Interventionism, San Pablo University

#### **Dr. Jiménez, Henar**

- ♦ Specialist in Physiotherapy and Sports Rehabilitation
- ♦ Medical Resident Intern. 12 de Octubre University Hospital, Madrid
- ♦ Degree in Medicine
- ♦ Expert in Physiotherapy and Sports Rehabilitation at Isabel I of Castilla International University
- ♦ Course on the Safe Use of Medication in the Madrid Health Service

#### **Mr. Cuesta Gascón, Joel**

- ♦ PhD in Physiotherapy and Rehabilitation La Paz University Hospital, Madrid
- ♦ PhD in Physiotherapy and Rehabilitation. Dr. Rozalén Medical and Rehabilitation Center, Madrid
- ♦ Resident of Physical Medicine and Rehabilitation at 12 de Octubre University Hospital
- ♦ Rehabilitation Doctor in Regenerative Medicine
- ♦ Teacher of the Specialization Course in Neuropathic Pain at La Princesa Hospital
- ♦ Organizer and speaker at "See you on the 12th." "Fundamentals and Physiology of Sport"
- ♦ Speaker at "AMIR 2020 Academy postMIR Conference" on Physical Medicine and Rehabilitation specialisation
- ♦ Master's Degree in Clinical Medicine, Francisco de Vitoria University
- ♦ Degree in Medicine from the Camilo José Cela University
- ♦ Expert in Musculoskeletal Ultrasound

#### **Ms. Díaz Zamudio, Delia**

- ♦ Specialist in Rehabilitation and Physical Medicine
- ♦ Medical Resident Intern of Rehabilitation and Physical Medicine in the Rehabilitation Department of the 12 de Octubre University Hospital
- ♦ Assistant specialist in the Rehabilitation Service of the 12 de Octubre University Hospital
- ♦ Honorary Collaborator of the Department of Physical Medicine and Rehabilitation and Hydrology at 12 de Octubre Hospital
- ♦ Degree in Medicine and Surgery. Faculty of Medicine. University of Seville
- ♦ Rehabilitation and Physical Medicine Specialist, Rehabilitation Service, University Hospital of Denia
- ♦ Rehabilitation and Physical Medicine Specialist, Rehabilitation Service of the University Hospital Alto Deba, Mondragón

**Dr. González García, María Dolores**

- ◆ Specialist in Physical Medicine and Rehabilitation
- ◆ Head of Neurologic Rehabilitation. 12 de Octubre Hospital, Madrid
- ◆ Area Specialist Physician, Doce de Octubre Hospital, Madrid
- ◆ Degree in Medicine and Surgery by the University of Alcalá. Alcalá de Henares, Madrid
- ◆ Specialization in Physical Medicine and Rehabilitation as Medical Intern Resident (MIR) in the Rehabilitation Service at the University Hospital 12 de Octubre, Madrid

**Dr. Soto Bagaria, Luis**

- ◆ Physiotherapist Researcher at Vall d'Hebron Research Institute
- ◆ Physiotherapist and researcher at Parc Sanitari Pere Virgili
- ◆ Physiotherapist and Collaborator for the R & D department, SARquavitae
- ◆ Head researcher at Mapfre Quavitae for the PhD in Public Health and Research Methodology
- ◆ Master's Degree in Neuromusculoskeletal Physiotherapy
- ◆ Master in Clinical Trials. International University of Cataluna
- ◆ Member of the research team on aging, frailty and transitions at Re-Fit BCN

**Dr. Gil Gracia, Samuel**

- ◆ Physiotherapist and Osteopath in free practice in Béziers
- ◆ Physiotherapist. Iriteb Center - Dos de Mayo, Badalona
- ◆ Member of the Spanish Society of Physiotherapy and Pain SEFID, Fisioterapia sin Red society
- ◆ Author of the videoblog Soy Paciente de Samu, a channel of divulgation on physiotherapy
- ◆ Specializing in Musculoskeletal Pain
- ◆ Master's Degree in Osteopathy at Gimbernat University
- ◆ Graduate in Physiotherapy at Gimbernat University

**Dr. Jiménez Hernández, Daniel**

- ♦ Expert in Physiotherapy and Education Physiotherapy
- ♦ Physiotherapist
- ♦ Trainer of PCA professionals
- ♦ Professor at the Central University of Cataluna
- ♦ PhD in Educational from the Central University of Cataluna
- ♦ Official Master's Degree in Inclusive Education. Central University of Cataluna
- ♦ Graduate in Physiotherapy. Gimbernat University, EUG-UAB
- ♦ Member of the research groups: attention to diversity and Mental Health and Social Innovation at UVic

**Dr. Gómez Orta, Roger**

- ♦ Physiotherapist and Orthopedic Technician, Qvitec Centre D' Ajudes Tècniques
- ♦ Co-founder of Qvitec
- ♦ Responsible for the seating and positioning clinic service at Qvitec
- ♦ Specialist and trainer in patient management of Handicare products in Spain
- ♦ Graduate in Physiotherapy





**Dr. Hernandez Espinosa, Joaquín**

- ◆ Specialist in Respiratory Physiotherapy
- ◆ Director of Residential Center Hotel Senior Citizens Pineda
- ◆ Postgraduate in Respiratory Physiotherapy. Autonomous University of Barcelona
- ◆ Ethical Care Consultant at Fundacio Vella Terra
- ◆ COVID-19 Emergency equipment management at Fremap Gent Gran
- ◆ Graduate in Physiotherapy at the University School of Physiotherapy Gimbernat,
- ◆ Graduate in Physiotherapy at Autonomous University of Barcelona
- ◆ Member of the Ethics Committee L'Onada Serveis

**Dr. Buldón Olalla, Alejandro**

- ◆ Expert in physical activity and sport physiotherapy
- ◆ Physiotherapist in the Amavir group and in home care for the elderly
- ◆ Founder of the blog [fisioconectados.com](http://fisioconectados.com)
- ◆ Expert in physical activity and sport physiotherapy. Rey Juan Carlos University
- ◆ Graduate in Physiotherapy Rey Juan Carlos University
- ◆ Master's Degree in Social Networks and Digital Learning

# 04

# Structure and Content

With this complete syllabus, focused specifically on working with people with cognitive impairment, students will study all the essential suggested areas of learning, whilst gradually acquiring the necessary skills to put into practice the necessary knowledge. A very well-developed learning framework tailored to student needs that will allow them to learn in a continuous, efficient manner.



“

*A comprehensive and structured review of relevant issues affecting all areas of concern in the care of cognitively impaired patients”*

## Module 1. Professional Approach for Persons Affected with Cognitive Impairment

- 1.1. Introduction to Cognitive Impairment
  - 1.1.1. Cognitive Impairment
    - 1.1.1.1. Definition and Epidemiology
    - 1.1.1.2. Risk Factors
    - 1.1.1.3. Diagnosis
    - 1.1.1.4. Treatment
      - 1.1.1.4.1. Non-Pharmacological Treatment
      - 1.1.1.4.2. Pharmacological Treatment
  - 1.1.2. Dementia
    - 1.1.2.1. Epidemiology
    - 1.1.2.2. Pathogenesis and Risk Factors
    - 1.1.2.3. Clinical Manifestations
    - 1.1.2.4. Evolution
    - 1.1.2.5. Diagnosis
    - 1.1.2.6. Differential Diagnosis
      - 1.1.2.6.1. Mild Cognitive Impairment: Already Explained Previously
      - 1.1.2.6.2. Acute Confusional Syndrome or Delirium
      - 1.1.2.6.3. Subjective Memory Complaints and AMAE (Age-Related Memory Impairment)
      - 1.1.2.6.4. Affective Disorders-Depression-Depressive Pseudodepressive Dementia
    - 1.1.2.7. Severity of Dementia
    - 1.1.2.8. Treatment
      - 1.1.2.8.1. Non-Pharmacological Treatment
      - 1.1.2.8.2. Pharmacological Treatment
    - 1.1.2.9. Comorbidity-Mortality
- 1.2. Types of Cognitive Impairment: Possible Classifications
  - 1.2.1. Utility of the Cognitive Impairment Classification
  - 1.2.2. Types of Classification
    - 1.2.2.1. By Degree of Affectation
    - 1.2.2.2. By Evolution Course
    - 1.2.2.3. By Age of Presentation
    - 1.2.2.4. By Clinical Syndrome
    - 1.2.2.5. By Etiology
  - 1.3. Causes and Effects of Cognitive Impairment
    - 1.3.1. Introduction
    - 1.3.2. Risk Factors for Cognitive Impairment
    - 1.3.3. Causes of Cognitive Impairment
      - 1.3.3.1. Primary Neurodegenerative Etiology
      - 1.3.3.2. Vascular Etiology
      - 1.3.3.3. Other Etiologies
    - 1.3.4. Effects of Cognitive Impairment
      - 1.3.4.1. Inattention and Lack of Concentration
      - 1.3.4.2. Memory Impairment
      - 1.3.4.3. Language Impairment
      - 1.3.4.4. Apraxia
      - 1.3.4.5. Agnosias
      - 1.3.4.6. Executive Function Disorders
      - 1.3.4.7. Alteration of Visuospatial Functions
      - 1.3.4.8. Behavioral Alteration
      - 1.3.4.9. Alteration of Perception
    - 1.3.5. Conclusions
- 1.4. Individual and Group Rehabilitation Medicine Approach
  - 1.4.1. Rehabilitation Medicine and Dementia
  - 1.4.2. Professional Assessments
  - 1.4.3. Therapeutic Objectives



- 1.4.4. Therapeutic Interventions from Physiotherapy
  - 1.4.4.1. Physical exercise
  - 1.4.4.2. Individual Therapy
  - 1.4.4.3. Group Therapy
  - 1.4.4.4. Rehabilitation Medicine According to the Stages of Cognitive Impairment
  - 1.4.4.5. Alteration of Balance and Gait
- 1.4.5. Adherence to Treatment-Family
- 1.5. Tools to Connect
  - 1.5.1. Introduction
  - 1.5.2. Difficulties Encountered with Disoriented and/or Disconnected Users
  - 1.5.3. How to Access the Disoriented and/or Disconnected User
    - 1.5.3.1. Music as a Tool for Working with People with Dementia
      - 1.5.3.1.1. Application of Music in People Affected by Dementia
    - 1.5.3.2. Animal Assisted Therapy (AAT)
      - 1.5.3.2.1. Application of TAA in People Affected by Dementia
      - 1.5.3.2.2. Structure of Sessions
      - 1.5.3.2.3. Materials
      - 1.5.3.2.4. The Dog
      - 1.5.3.2.5. Examples of AAR Application
    - 1.5.3.3. Yoga and Mindfulness
      - 1.5.3.3.1. Yoga
      - 1.5.3.3.2. Mindfulness
      - 1.5.3.3.3. Application of Mindfulness
- 1.6. Basal Stimulation
  - 1.6.1. Origin of Basal Stimulation
  - 1.6.2. Definition of Basal Stimulation
  - 1.6.3. Indications of Basal Stimulation
  - 1.6.4. Basic principals of Basal Stimulation
    - 1.6.4.1. Advantages of Basal Stimulation
  - 1.6.5. Basic Needs
    - 1.6.5.1. Requirements of Basal Stimulation
    - 1.6.5.2. Basic Areas of Perception
  - 1.6.6. Body Identity and Environment

- 1.6.7. Global
  - 1.6.7.1. Communication
- 1.7. Sharing of Knowledge, Interdisciplinary Approach to the Affected Person
  - 1.7.1. Introduction
  - 1.7.2. Biopsychosocial Model as a Reference
  - 1.7.3. Multidisciplinarity and Interdisciplinarity
  - 1.7.4. Areas of Intervention. Levels of Care
    - 1.7.4.1. Primary Care
    - 1.7.4.2. Specialized Care
    - 1.7.4.3. Socio-Health Care ASS
    - 1.7.4.4. Other Professionals
    - 1.7.4.5. Integrative Health. A Holistic View
  - 1.7.5. Community Intervention
  - 1.7.6. Conclusions



*Students will learn in such a way that what is learned becomes fixed and transformed into knowledge, through a structured program that will cover all the points of interest needed to revise your intervention in geriatric rehabilitation”*

# 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 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.

“

*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 Rehabilitation Medicine Approach of Persons Affected by Cognitive Impairment 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 program will allow you to obtain your **Postgraduate Certificate in Rehabilitation Medicine Approach of Persons Affected by Cognitive Impairment** 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.

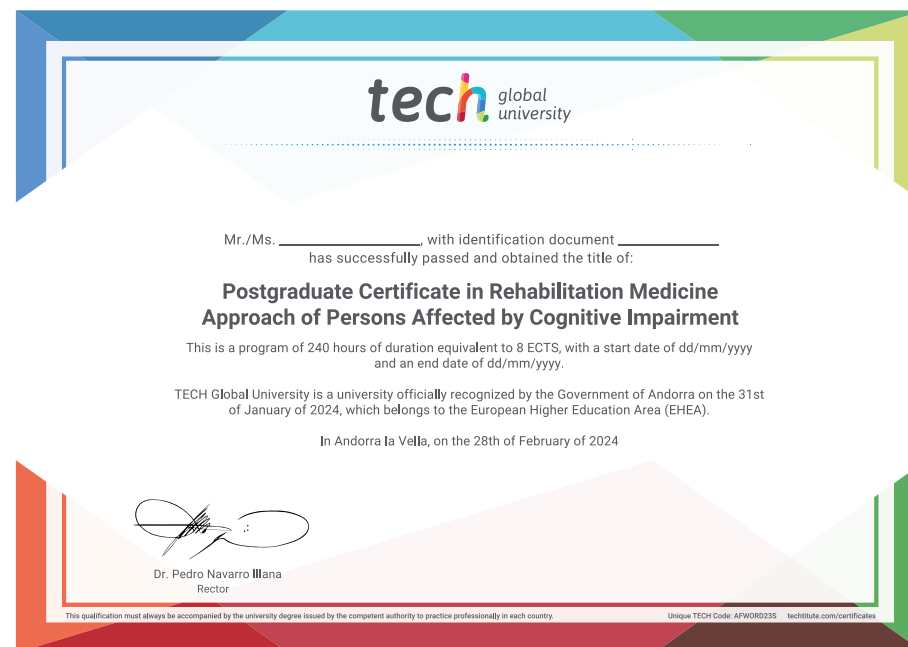
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Rehabilitation Medicine Approach of Persons Affected by Cognitive Impairment**

Modality: **online**

Duration: **6 weeks**

Accreditation: **8 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.



## Postgraduate Certificate

Rehabilitation Medicine  
Approach of Persons  
Affected by Cognitive  
Impairment

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 8 ECTS
- » Schedule: at your own pace
- » Exams: online

**Postgraduate Certificate**  
Rehabilitation Medicine  
Approach of Persons Affected  
by Cognitive Impairment

