

Postgraduate Diploma

Physical Therapy Treatment
of the Person Affected
by Cognitive Impairment



Postgraduate Diploma

Physical Therapy Treatment of the Person Affected by Cognitive Impairment

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 16 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/physiotherapy/postgraduate-diploma/postgraduate-diploma-physical-therapy-treatment-person-affected-cognitive-impairment

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01

Introduction

One of the most important tools in the physiotherapeutic approach is treating the loss of cognitive faculties that comes with aging. Knowing all the aspects that are of interest and determining their true impact on the patient requires professionals to continuously study and update their knowledge. This comprehensive program is, in this scenario, the most efficient, interesting and complete educational tool. A course that will allow professionals to intervene with solvency and impact in this type of work.





“

Acquire the most up-to-date knowledge in physiotherapeutic intervention in patients with impairment using new protocols and techniques that will allow you to act with greater accuracy and safety”

Physiotherapy offers patients with aging-related cognitive disorders a simple and efficient intervention option that allows them to work on their abilities, trying to slow down their decline and enhance their development.

It is therefore essential for the specialist to know the tools of physiotherapy and the appropriateness of their application in each case; as well as to manage the indication of active exercise, manual therapy or electrotherapy, working with interdisciplinary teams and using appropriate communication tools, understanding the concept of person-centered care.

This Postgraduate Diploma will provide you with the most up-to-date knowledge of available devices, techniques and protocols that can be the keys to success in physiotherapy treatment.



Include the latest advances in protocols, techniques and technologies for physiotherapeutic support against cognitive impairment in your daily work"

This **Postgraduate Diploma in Physical Therapy Treatment of the Person Affected by Cognitive Impairment** contains the most complete and up-to-date scientific program on the market. The most important features include:

- » The latest technology in online teaching software
- » A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- » Practical cases presented by practising experts
- » State-of-the-art interactive video systems
- » Teaching supported by telepractice
- » Continuous updating and recycling systems
- » Autonomous learning: full compatibility with other occupations
- » Practical exercises for self-evaluation and learning verification
- » Support groups and educational synergies: questions to the expert, debate and knowledge forums
- » Communication with the teacher and individual reflection work
- » Content that is accessible from any fixed or portable device with an Internet connection
- » Supplementary documentation databases are permanently available, even after the program

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A complete review of the different cognitive states in which the physiotherapy professional will have to intervene and the methodological approach in each of them"

The program's teaching staff includes professionals from the sector who contribute their work experience to this 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 learning programmed to train 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

A high-level program created to allow you to learn in a dynamic and effective way

The purpose of this program is that you will not only acquire up-to-date knowledge, but that, upon completion, you will have the working skills you need in this field



02 Objectives

Our goal is to provide the student with specialized knowledge in physiotherapy care of patients with impairment by creating a well-structured basis to identify the clinical signs associated with their different needs and developments, providing an extensive and contextual view of the reality of working in this field today.





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A high-intensity course designed to convert your effort into real intervention skills”



General Objective

- » Based on the most recent scientific evidence, develop a critical and reasoned attitude towards physiotherapeutic diagnosis in elderly patients and be able to apply an appropriate treatment in order to reduce functional impotence, fragility and deterioration, thereby favoring an improvement of physical and mental health in old age



This Postgraduate Diploma is the best way to bring you up to date on the bioethical aspects of providing the palliative care your patients need"





Specific Objectives

Module 1. Clinical Reasoning in Physiogeriatrics

- » Explain active aging from the patient's point of view
- » Define the fields of action of physiotherapy in geriatrics
- » Define the role of physiotherapy in palliative care units
- » Define the use of new technologies in physiogeriatrics
- » Explain what interdisciplinary teams in geriatrics consist of
- » Define the composition and functioning of the interdisciplinary team
- » Explain the main functions within the interdisciplinary team
- » Establish the differential diagnosis. Red and yellow flags
- » Describe the major geriatric syndromes
- » Explain what red and yellow flags consist of
- » Define the most common red flags in clinical practice
- » Explain the proper approach to the physical therapy session in geriatrics
- » Describe the physiotherapeutic examination and assessment of the geriatric patient
- » Define the effects on the neuromusculoskeletal system of certain drugs
- » Describe the decalogue of person-centered care

Module 2. Physiotherapy Approach of the Person Affected by Cognitive Impairment

- » Define the risk factors, epidemiology, diagnosis and treatment of cognitive impairment
- » Define the risk factors, epidemiology, diagnosis and treatment of dementia
- » Defining 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
- » Define the origin, indications and basic principles of basal stimulation
- » Define the advantages of basal stimulation



*Realistic goals that will
turn into immediate job
progression"*

03

Course Management

This program's teaching staff includes reference specialists in Physical Therapy Treatment of the Person Affected by Cognitive Impairment, who contribute the experience of their work to this program. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner.



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Experts in this field will provide the program with their current vision of the real work with these patients, providing the study with a highly valuable contextual vision"

International Guest Director

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.



Dra. 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



Dr. Castillo, Juan Ignacio

- ♦ Head of the Hematology Department at the 12 de Octubre Hospital, Madrid
- ♦ Associate Professor at the Complutense University of Madrid, School of Medicine, 2016
- ♦ Collaborating Professor at the Complutense University of Madrid, 2011-2016
- ♦ Teaching coordinator in continuing education courses at the Madrid Regional Ministry of Health: "Tertiary prevention in chronic cardiopathic patients" "Cardiac Rehabilitation"
- ♦ Master's Degree in Cardiac Rehabilitation, SEC-UNED
- ♦ Master's Degree in Disability Assessment, Autonomous University of Madrid
- ♦ Master's Degree in Childhood Disability, Complutense University of Madrid
- ♦ Doctorate Course: Neurosciences, University of Salamanca
- ♦ Degree in Medicine and Surgery from the University of Salamanca
- ♦ Coordinator of continuing education of the Spanish Society of Cardiology in Exercise Testing with Oxygen Consumption

Co-Direction



Dr. García Fontalba, Irene

- ♦ Manager and physiotherapist at the private physiotherapy center Cal Moure'S, with the aim of treating limitations of daily living skills due to pain or pathologies associated with aging
- ♦ Member of the Girona Territorial Section of the Association of Physiotherapists of Catalonia
- ♦ Creator of the blog "Fisios y Otras Historias" (Physios and Other Stories)
- ♦ Psychology undergraduate student
- ♦ Coordinator the Group of social networks of the group of professionals for the promotion of health in Girona (2015-2017)
- ♦ More than ten years working in geriatric pathology and processes involving pain at home and in private practice

Professors

Dr. Cuesta Gascón, Joel

- » Resident of Physical Medicine and Rehabilitation at the 12 de Octubre University Hospital, Madrid
- » Teacher of the Specialization Course in Neuropathic Pain at La Princesa Hospital, 2019
- » Organizer and speaker at "See you on the 12th". "Fundamentals and Physiology of Sport". 2020
- » Speaker at "AMIR 2020 Academy post-MIR Conference" on the specialty of Physical Medicine and Rehabilitation
- » Master's Degree in Clinical Medicine, Francisco de Vitoria University, Madrid
- » Medical Degree from the University Camilo José Cela, Madrid.
- » Expert in musculoskeletal ultrasonography

Dr. Pino Giráldez, Mercedes

- » Assistant Rehabilitation Physician at the 12 de Octubre University Hospital, Madrid
- » Specialist in Physical Medicine and Rehabilitation, University Hospital of Guadalajara
- » Specialist in Childhood Disability from the Complutense University of Madrid
- » Degree in Medicine and Surgery from Alcalá de Henares University, Madrid
- » Residency training in Physical Medicine and Rehabilitation
- » Medical Rehabilitation Specialist at the Jimenez Diaz Foundation Hospital, 2012
- » Assistant Rehabilitation Physician at Rey Juan Carlos I Hospital, Madrid, 2013
- » Assistant Rehabilitation Physician at Torrejón de Ardoz Hospital, 2014
- » Assistant Rehabilitation Physician at the University Hospital of Guadalajara, 2014

Dr. Díaz Zamudio, Delia

- » Resident Intern of Rehabilitation and Physical Medicine in the Rehabilitation Service of the 12 de Octubre University Hospital
- » Attending specialist in the Rehabilitation Service of the 12 de Octubre University Hospital, Madrid
- » Honorary Collaborator of the Department of Physical Medicine and Rehabilitation and Hydrology at the 12 de Octubre Hospital, Complutense University of Madrid
- » Degree in Medicine and Surgery, Faculty of Medicine, University of Seville
- » FEA of Rehabilitation and Physical Medicine, Rehabilitation Service, University Hospital Denia, Alicante in 2013
- » FEA of Rehabilitation and Physical Medicine, Rehabilitation Service of the Alto Deba University Hospital, Mondragón, San Sebastián in 2012

Dr. González García, María Dolores

- » Head of the Neurological Rehabilitation Service, 12 Octubre Hospital, Madrid
- » Area Specialist Physician, 12 de Octubre Hospital, Madrid
- » Degree in Medicine and Surgery from the University of Alcalá. Alcalá de Henares, Madrid
- » Specialist in Physical Medicine and Rehabilitation
- » Specialist in Physical Medicine and Rehabilitation as resident intern (MIR) in the Rehabilitation Service at the 12 de Octubre University Hospital, Madrid, 2002-2006

Dr. Jiménez, Henar

- » Internal Medicine Resident: 12 de Octubre University Hospital, Madrid
- » Course on the Safe Use of Medication in the Madrid Health Service
- » Expert in Physiotherapy and Sports Rehabilitation at the International University Isabel of Castile

Dr. Blesa Esteban, Irene

- » Internal Medicine Resident: 12 de Octubre University Hospital, Madrid
- » Expert in musculoskeletal ultrasonography
- » 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: Ultrasound Diagnosis of Congenital Heart Disease in the First Trimester of Pregnancy

Dr. García, Sofía

- » Specialist Doctor- Physical Medicine and Rehabilitation, Pediatric Rehabilitation Department, 12 de Octubre University Hospital, Madrid
- » Specialist Doctor- Physical Medicine and Rehabilitation, 12 de Octubre University Hospital, Madrid
- » Specialist in Physical Medicine and Rehabilitation, Language Rehabilitation Center, Madrid
- » Master's Degree in Musculoskeletal Ultrasound and Ultrasound-Guided Interventionism, San Pablo Andalucía CEU
- » Degree in Medicine, San Pablo CEU University School of Medicine, Madrid
- » Pelvic Floor Unit (12 de Octubre University Hospital, Madrid, Spain)
- » Facial Paralysis and Neurorehabilitation Unit (La Paz University Hospital, Madrid)
- » Cardiac Rehabilitation (Cardiac Rehabilitation Unit of 12 de Octubre University Hospital)
- » Respiratory Rehabilitation Gregorio Marañón General University Hospital, Madrid
- » Neurorehabilitation Unit (12 de Octubre UH)
- » Rehabilitation in spinal cord injury (National Hospital of Paraplegics, Toledo)

Dr. Soto Bagaria, Luis

- » Physiotherapist and researcher at Parc Sanitari Pere Virgili
- » Master's Degree in Neuromusculoskeletal Physiotherapy
- » Member of the research team on aging, frailty and transitions (Re-Fit BCN)
- » More than 10 years working in the field of aging

Dr. Gómez Orta, Roger

- » Physiotherapist and Orthopedic Technician
- » Co-founder of Quvitec S.L.
- » Responsible for the seating and positioning clinic service at Quvitec
- » Specialist and trainer in patient management of Handicare products in Spain

Dr. Jiménez Hernández, Daniel

- » PhD in Education from the University of Vic
- » Physiotherapist
- » Official Master's Degree in Inclusive Education
- » Member of the research group of attention to diversity at University of Vic
- » Professor at the University of Vic
- » Trainer of PCC professionals
- » More than 25 years of experience in caring for people in contexts of disability and dependence

Dr. Hernandez Espinosa, Joaquín

- » Physiotherapist. Director of residential center Pineda Senior Citizens Hotel Residence
- » Postgraduate Degree in Respiratory Physiotherapy
- » More than 20 years of experience in the field of Geriatric Physiotherapy at hospital, home and residential level

Dr. Gil Gracia, Samuel

- » Physiotherapist and Osteopath in free practice in Béziers (France);
- » Member of the Spanish Society of Physiotherapy and Pain SEFID;
- » Author of the videoblog Soy Paciente de Samu, a channel on physiotherapy for the population
- » Specialist in Musculoskeletal Pain

Dr. Buldón Olalla, Alejandro

- » Expert in physical activity and sport physiotherapy
- » Master's Degree in Social Networks and Digital Learning
- » More than 12 years of experience in residential and home care for the elderly
- » Founder of the blog fisioconectados.com
- » Physiotherapist in the Amavir group and in home care for the elderly



The leading professionals in the physiotherapy have come together to offer you the most comprehensive knowledge in this field, so that you can advance in your career with total guarantees of success"

04

Structure and Content

The work structure proposed in this Postgraduate Diploma in Physical Therapy Treatment of the Person Affected by Cognitive Impairment has been carried out according to the criteria of educational efficacy, which is our quality standard. Through a complete and detailed syllabus, you will cover all the essential subject areas, gradually acquiring the necessary skills to put the required knowledge into practice. A very well-developed learning structure which is tailored to your needs and will allow you to learn in a continuous, efficient way.



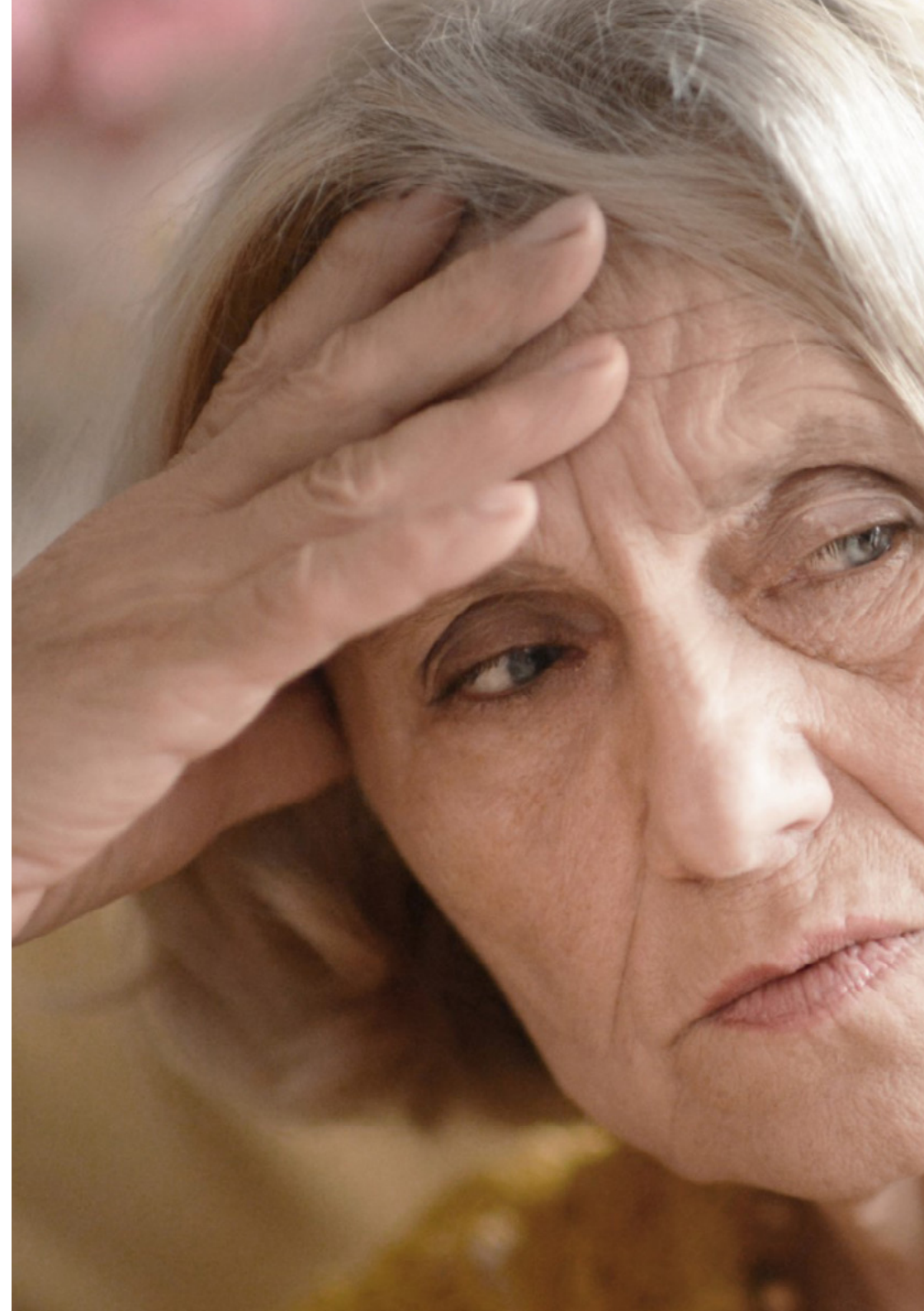



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A Postgraduate Diploma that includes all the aspects involved in the rehabilitation work of patients with cognitive impairment, including the family and social environment"

Module 1. Clinical Reasoning in Physiogeriatrics

- 1.1. Past, Present and Future of Physiotherapy in Geriatrics
 - 1.1.1. Brief History of Physiotherapy
 - 1.1.1.1. Origin of Physiotherapy Beyond our Borders
 - 1.1.1.2. Origin of Physiotherapy
 - 1.1.1.3. Conclusions
 - 1.1.2. Current Situation of Physiotherapy in Geriatrics
 - 1.1.3. Future of Physiotherapy in Geriatrics
 - 1.1.3.1. Physiotherapy and New Technologies
- 1.2. Active Aging
 - 1.2.1. Introduction
 - 1.2.2. Concept of Active Aging
 - 1.2.3. Classification
 - 1.2.4. Active Aging from the Patients Point of View
 - 1.2.5. Role of the Physical Therapist in Active Aging programs
 - 1.2.6. Example of Intervention
- 1.3. Physiotherapy in Geriatrics and Context of Action
 - 1.3.1. Introduction and Definitions
 - 1.3.2. Fields of Action
 - 1.3.2.1. Residential Centers
 - 1.3.2.2. Socio-Sanitary
 - 1.3.2.3. Primary Care
 - 1.3.2.4. Physiotherapy in Palliative Care Units
 - 1.3.3. Future Areas in Physiogeriatrics
 - 1.3.3.1. New Technologies
 - 1.3.3.2. Physiotherapy and Architecture
 - 1.3.4. Interdisciplinary Teams in Geriatrics
 - 1.3.4.1. Multidisciplinary or Interdisciplinary Teams?
 - 1.3.4.2. Composition and Functioning of the Interdisciplinary Team
 - 1.3.4.3. Main Functions within the Interdisciplinary Team



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- 1.4. Differential Diagnosis and Warning Signs and Symptoms: Red and Yellow Flags in Geriatrics.
Differential Diagnosis: Red and Yellow Flags
 - 1.4.1. Introduction and Definitions
 - 1.4.1.1. Differential Diagnosis
 - 1.4.1.2. Diagnosis in Physiotherapy
 - 1.4.1.3. Geriatric Syndromes
 - 1.4.1.4. Red and Yellow fFlags
 - 1.4.2. Most Common Red Flags in Clinical Practice
 - 1.4.2.1. Urinary Infection
 - 1.4.2.2. Oncologic Pathology
 - 1.4.2.3. Heart Failure
 - 1.4.2.4. Fractures
 - 1.5. Pharmacology, Effects on the Neuromusculoskeletal System
 - 1.5.1. Introduction
 - 1.5.1.1. Drugs Influencing Gait
 - 1.5.2. Drugs and Risk of Falls
 - 1.6. Approach to the Physical Therapy Session in Geriatrics
 - 1.6.1. Examination Physiotherapy Evaluation of the Geriatric Patient
 - 1.6.1.1. Valuation Components
 - 1.6.1.2. Most Commonly Used Scales and Tests
 - 1.6.2. Determination of Treatment Objectives
 - 1.6.3. Organization of the Treatment Session
 - 1.6.4. Organization of the Physiotherapist's Job
 - 1.6.5. Treatment Follow-up in the Elderly Patient

Module 2. Approach From the Physiotherapy of the Person Affected by Cognitive Impairment

- 2.1. Introduction to Cognitive Impairment
 - 2.1.1. Cognitive Impairment
 - 2.1.1.1. Definition and Epidemiology
 - 2.1.1.2. Risk Factors
 - 2.1.1.3. Diagnosis
 - 2.1.1.4. Treatment
 - 2.1.1.4.1. Non-Pharmacological Treatment
 - 2.1.1.4.2. Pharmacological Treatment
 - 2.1.2. Dementia
 - 2.1.2.1. Epidemiology
 - 2.1.2.2. Pathogenesis and Risk Factors
 - 2.1.2.3. Clinical Manifestations
 - 2.1.2.4. Evolution
 - 2.1.2.5. Diagnosis
 - 2.1.2.6. Differential Diagnosis
 - 2.1.2.6.1. Mild Cognitive Impairment: Already Explained Previously
 - 2.1.2.6.2. Acute Confusional Syndrome or Delirium
 - 2.1.2.6.3. Subjective Memory Complaints and AAMI (Age-Associated Memory Impairment)
 - 2.1.2.6.4. Affective Disorders: Depression, Depressive/Pseudodepressive Dementia
 - 2.1.2.7. Severity of Dementia
 - 2.1.2.8. Treatment
 - 2.1.2.8.1. Non-Pharmacological Treatment
 - 2.1.2.8.2. Pharmacological Treatment
 - 2.1.2.9. Comorbidity-Mortality
- 2.2. Types of Cognitive Impairment: Possible Classifications
 - 2.2.1. Utility of the Cognitive Impairment Classification
 - 2.2.2. Types of Classification
 - 2.2.2.1. By Degree of Affection
 - 2.2.2.2. By Evolution Course
 - 2.2.2.3. By Age of Presentation
 - 2.2.2.4. By Clinical Syndrome
 - 2.2.2.5. By Etiology
 - 2.3. Causes and Effects of Cognitive Impairment
 - 2.3.1. Introduction
 - 2.3.2. Risk Factors for Cognitive Impairment
 - 2.3.3. Causes of Cognitive Impairment
 - 2.3.3.1. Primary Neurodegenerative Etiology
 - 2.3.3.2. Vascular Etiology
 - 2.3.3.3. Other Etiologies
 - 2.3.4. Effects of Cognitive Impairment
 - 2.3.4.1. Inattention and Lack of Concentration
 - 2.3.4.2. Memory Impairment
 - 2.3.4.3. Language Impairment
 - 2.3.4.4. Apraxia
 - 2.3.4.5. Agnosias
 - 2.3.4.6. Executive Function Disorders
 - 2.3.4.7. Alteration of Visuospatial Functions
 - 2.3.4.8. Behavioral Alteration
 - 2.3.4.9. Alteration of Perception
 - 2.3.5. Conclusions
- 2.4. Individual and Group Physical Therapy Approach.
 - 2.4.1. Physiotherapy and Dementia
 - 2.4.2. Physical Therapy Assessment
 - 2.4.3. Therapeutic Objectives

- 2.4.4. Therapeutic Interventions from Physiotherapy
 - 2.4.4.1. Physical Exercise
 - 2.4.4.2. Individual Therapy
 - 2.4.4.3. Group Therapy
 - 2.4.4.4. Physiotherapy According to the Stages of Cognitive Impairment
 - 2.4.4.5. Alteration of Balance and Gait
- 2.4.5. Adherence to Treatment-Family
- 2.5. Tools to Connect
 - 2.5.1. Introduction
 - 2.5.2. Difficulties Encountered with Disoriented and/or Disconnected Users
 - 2.5.3. How to Access the Disoriented and/or Disconnected User
 - 2.5.3.1. Music as a Tool for Working with People with Dementia
 - 2.5.3.1.1. Application of Music in People Affected by Dementia
 - 2.5.3.2. Animal Assisted Therapy (AAT)
 - 2.5.3.2.1. Application of AAT in People Affected by Dementia
 - 2.5.3.2.2. Structure of Sessions
 - 2.5.3.2.3. Materials
 - 2.5.3.2.4. The Dog
 - 2.5.3.2.5. Examples of AAT Application
 - 2.5.3.3. Yoga and Mindfulness
 - 2.5.3.3.1. Yoga
 - 2.5.3.3.2. Mindfulness
 - 2.5.3.3.3. Application of Mindfulness
- 2.6. Basal Stimulation
 - 2.6.1. Origin of Basal Stimulation
 - 2.6.2. Definition of Basal Stimulation
 - 2.6.3. Indications of Basal Stimulation
 - 2.6.4. Basic Principles of Basal Stimulation
 - 2.6.4.1. Advantages of Basal Stimulation
 - 2.6.5. Basic Needs
 - 2.6.5.1. Requirements of Basal Stimulation
 - 2.6.5.2. Basic Areas of Perception
 - 2.6.6. Body Identity and Environment
 - 2.6.7. Global
 - 2.6.7.1. Communication
- 2.7. Sharing of Knowledge, Interdisciplinary Approach to the Affected Person
 - 2.7.1. Introduction
 - 2.7.2. Biopsychosocial Model as a Reference
 - 2.7.3. Multidisciplinarity and Interdisciplinarity
 - 2.7.4. Areas of Intervention. Levels of Care
 - 2.7.4.1. Primary Care
 - 2.7.4.2. Specialized Care SC
 - 2.7.4.3. Socio-Health Care SHC
 - 2.7.4.4. Other Professionals
 - 2.7.5. Integrative Health. A Holistic View
 - 2.7.6. Community Intervention
 - 2.7.7. Conclusions



Advance in your profession through a structured program that will cover all the points of interest you need to update your intervention skills 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.





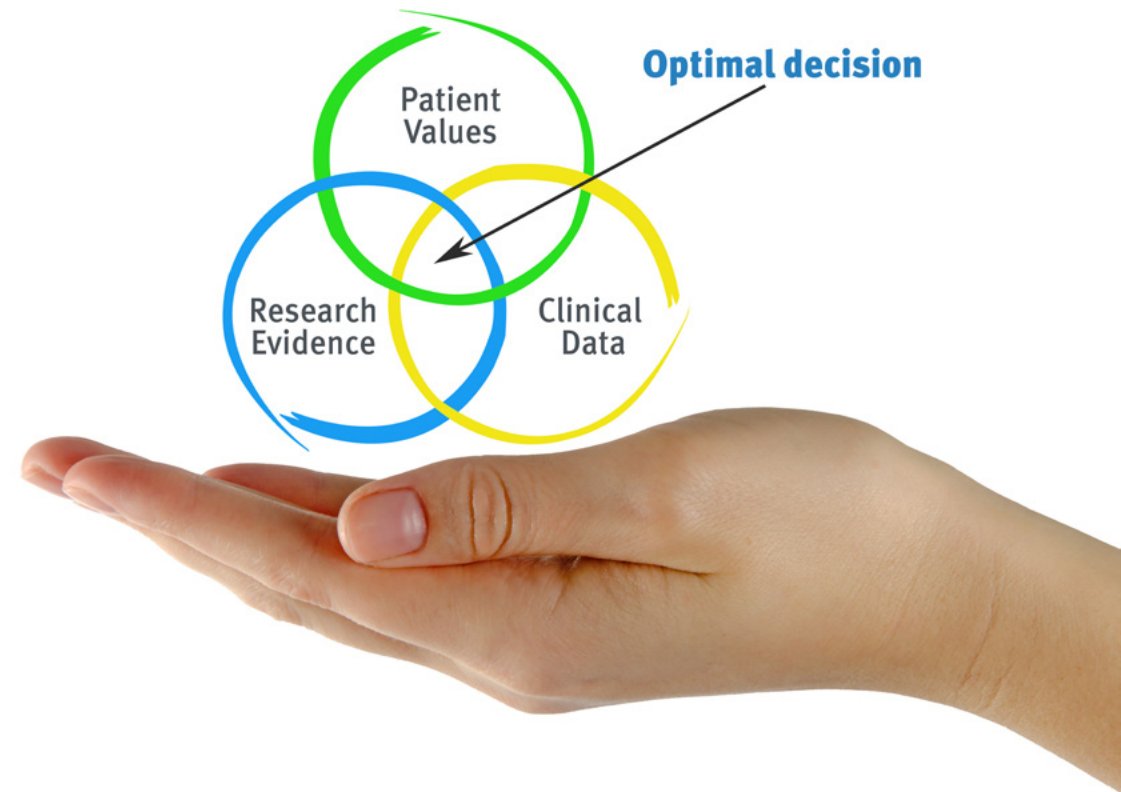
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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. Physiotherapists/kinesiologists 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 of professional physiotherapy 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. Physiotherapists/kinesiologists 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 physiotherapist/kinesiologist 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 Harvard 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.



The physiotherapist/kinesiologist will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we trained more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the 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 learning, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



Study Material

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

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. 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.



Interactive Summaries

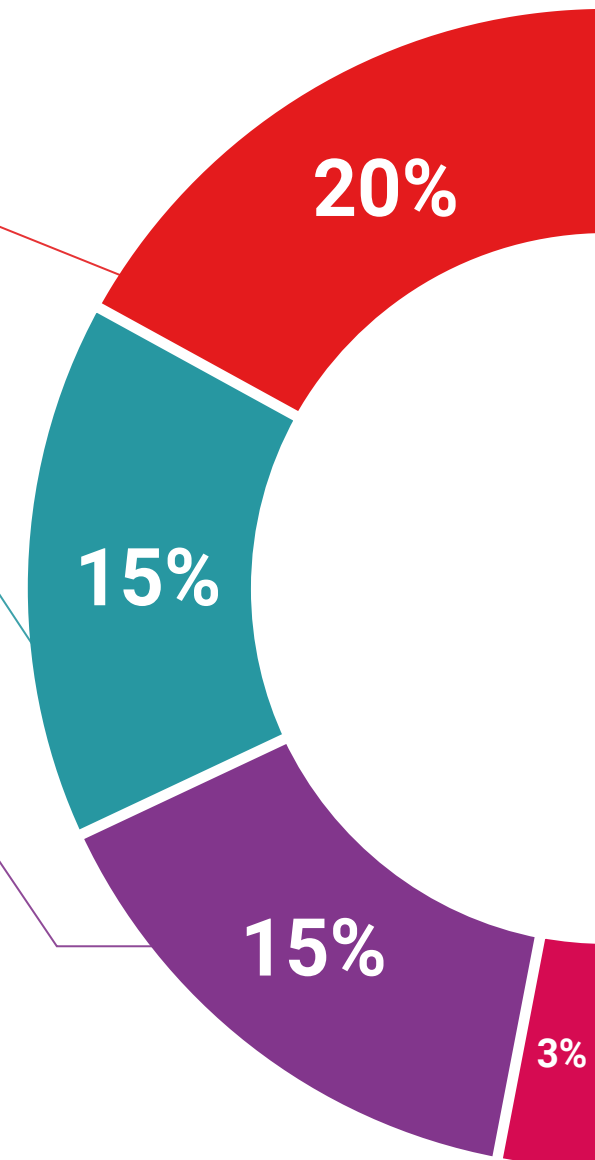
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

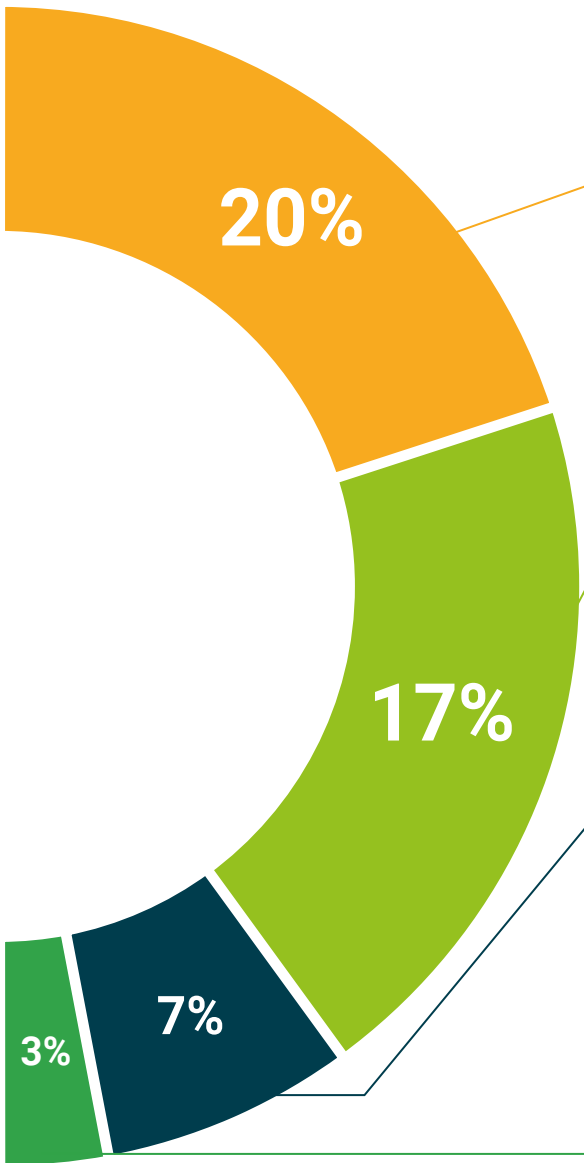
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 termed Learning from an Expert strengthens knowledge and recall capacity, and generates confidence in the face of difficult decisions in the future.



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 Diploma in Physical Therapy Treatment of the Person Affected by Cognitive Impairment guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.



The image features two black graduation caps (mortarboards) against a bright blue sky with light, wispy clouds. The caps are positioned diagonally, with one in the foreground on the left and another slightly behind it to the right. The bottom right corner of the image transitions into a white area where the quote is located. The background is composed of geometric shapes in shades of blue and white.

“

Successfully complete this program and receive your university diploma without travel or laborious paperwork”

This private qualification will allow you to obtain a **Postgraduate Diploma in Physical Therapy Treatment of the Person 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.

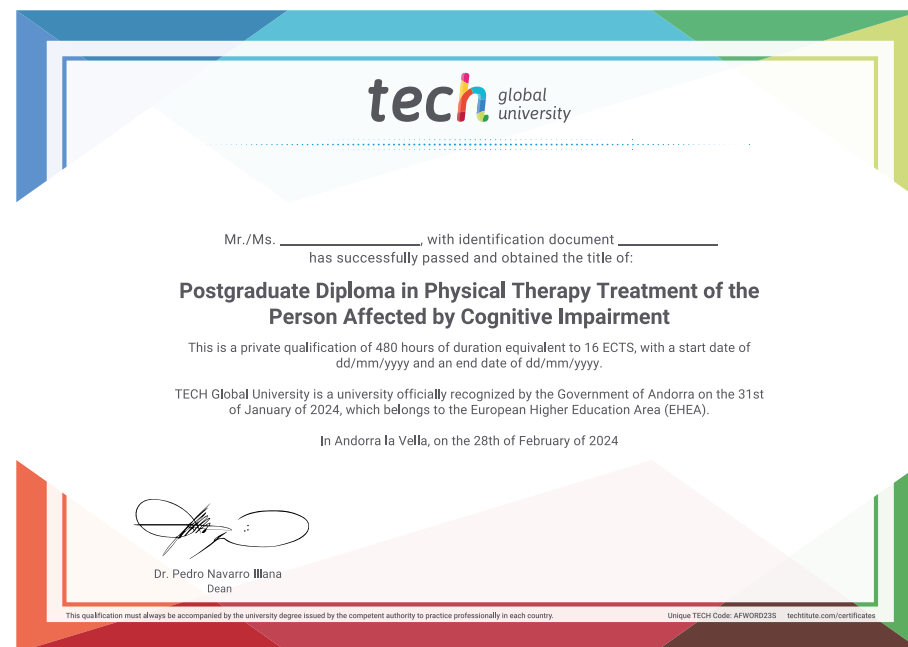
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Physical Therapy Treatment of the Person Affected by Cognitive Impairment**

Modality: **online**

Duration: **6 months**

Accreditation: **16 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 Diploma

Physical Therapy

Treatment of the Person

Affected by Cognitive

Impairment

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **16 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Postgraduate Diploma

Physical Therapy Treatment
of the Person Affected
by Cognitive Impairment

