

# Postgraduate Certificate Neurocognitive Disorders



## Postgraduate Certificate Neurocognitive Disorders

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

Official N° of hours: 150 h.

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

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# 01

# Introduction

Neurocognitive Disorders are those that cause people to suffer disorders in their cognitive abilities, such as memory, problem-solving and perception. This type of disorders, which have a higher incidence in the elderly population, constitute a challenge for society due to the dependence and need for care that they represent. For this reason, this program is a fundamental tool for physicians when it comes to a differential and effective approach to these types of disorders.



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*The protocols for the correct neurocognitive disorder diagnosis are becoming vitally important. Learn how to carry out them out with this program”*

Neurocognitive disorders are a major social problem that cause a series of alterations in higher brain functions in patients, such as memory, language, attention, orientation. In the same way, it also causes certain modifications in behavior and learning.

This reality, which affects mostly elderly people (with specific disorders such as Alzheimer's disease), requires a specific approach and, in recent decades, these therapeutic actions have advanced exponentially thanks to the latest developments in the field.

For this reason, and through programs such as this TECH Postgraduate Certificate, doctors can update their knowledge in a comfortable and effective way, thereby achieving a significant improvement in their daily practice.

Therefore, in only 150 hours of intensive study, the professional will achieve an improvement in their professional skills. All of this information is condensed in a 100% online program that provides the student with the ease of being able to study it comfortably, wherever and whenever they want. All they need is a device with internet access to take their career one step further.

This **Postgraduate Certificate in Neurocognitive Disorders** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ Practical cases presented by experts in Medicine and Psychiatry
- ◆ The graphic, schematic, and eminently 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
- ◆ Special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*If you are looking for a program that allows you to comfortably learn everything related to Neurocognitive Disorders, then this is the program for you"*

“*Study from the comfort of your home and update your knowledge online with TECH Technological University, the biggest online university in the world”*

*During this program we will study disorders as important as alzheimers, dementia and amnesia, among others.*

*Improve your daily practice as a physician with this high-curricular-value Postgraduate Certificate.*

The program's teaching staff includes professionals from 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.

The design of this program focuses on Problem-Based Learning, which means the student must try to solve the different real-life situations that arise throughout the academic program. For this purpose, the professional will be assisted by an innovative system of interactive videos made by renowned experts in the field.



# 02 Objectives

Aware of the current need to find specific treatments for Neurocognitive Disorders, TECH presents this program with the aim of providing the physician with knowledge and skills that will allow them to perform a differential approach to these types of pathologies. In this way, this Postgraduate Certificate will mark a before and after in the development of the student's professional career, and will position them at the top of their sector.







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*If your goal is to grow in a booming industry, this program is for you"*



## General objectives

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- ◆ Improve clinical skills in interviewing, examination and diagnosis in psychiatry
- ◆ Provide skills and strategies for clinical management in psychiatry
- ◆ Keep physicians' knowledge of new advances in psychiatry up to date
- ◆ Master the skills for scientific research in psychiatry
- ◆ Improve professional communication skills
- ◆ Provide training for leadership in psychiatry
- ◆ Know the peculiarities of the development of different specific areas
- ◆ Know how to prevent and treat psychiatric epidemiology in the different stages of life
- ◆ Gain up-to-date knowledge of the therapeutic strategies in the latest advances in psychiatry
- ◆ Approach specific psychiatric problems
- ◆ Provide skills and strategies for clinical management in psychiatry





### Specific objective

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- ◆ Know the protocols for correct, early-on diagnosis, insisting on the differential diagnosis of potentially treatable disorders

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*With this program, your objectives and those of TECH merge to become a reality: You will grow and so will we through success stories like yours”*

# 03

## Course Management

The teaching staff of this Postgraduate Certificate is made up of a series of medical and psychiatric professionals who bring their experience at the forefront of the sector to this academic refresher program. In this way, the student will ensure an in-depth learning process, accompanied by a series of leading professionals who will provide them with the necessary tools for a daily practice of the highest quality. A unique opportunity that no professional in the sector should let slip away.



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*Professors from prestigious societies and the most important hospital centers come together in this program”*

## Management



### Dr. Baca García, Enrique

- ♦ Head of the Department of Psychiatry at the Jiménez Díaz Foundation
- ♦ Professor of Psychiatry. Department of Psychiatry. Faculty of Medicine. Autonomous University of Madrid
- ♦ Degree in Medicine and Surgery from the Autonomous University of Madrid.
- ♦ PhD in Medicine and Surgery from the University of Alcalá
- ♦ Specialist in Psychiatry
- ♦ Postdoctoral Research Fellow. Columbia University College of Physicians & Surgeons

## Professors

### Dr. Pérez Fominaya, Margarita

- ♦ Attending Physician in External Consultations at the Nuestra del Prado Hospital Head of the Psychogeriatric Program
- ♦ Attending Physician at the San José Institute Foundation - Head of Psychiatry Interconsultation
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ Postgraduate Diploma in Mental Health from the University of Alcalá de Henares
- ♦ Postgraduate Diploma in Psychoanalytical Psychotherapy and Clinical Management from the Pontificia Comillas University
- ♦ Postgraduate Diploma in ADHD Throughout Life from the University of Alcalá de Henares



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*Complete, up-to-date and highly efficient training: This Postgraduate Certificate is the opportunity to drastically improve your working skills and compete among the best in the sector”*

# 04

## Structure and Content

The structure and content of this program have been designed based on the requirements of the latest generation of medicine and psychiatry, always guaranteeing the highest scientific accuracy. In this way, the student will have access to both a theoretical and practical syllabus which will provide them with a global learning experience, allowing them to gain in-depth and up-to-date knowledge in this area.



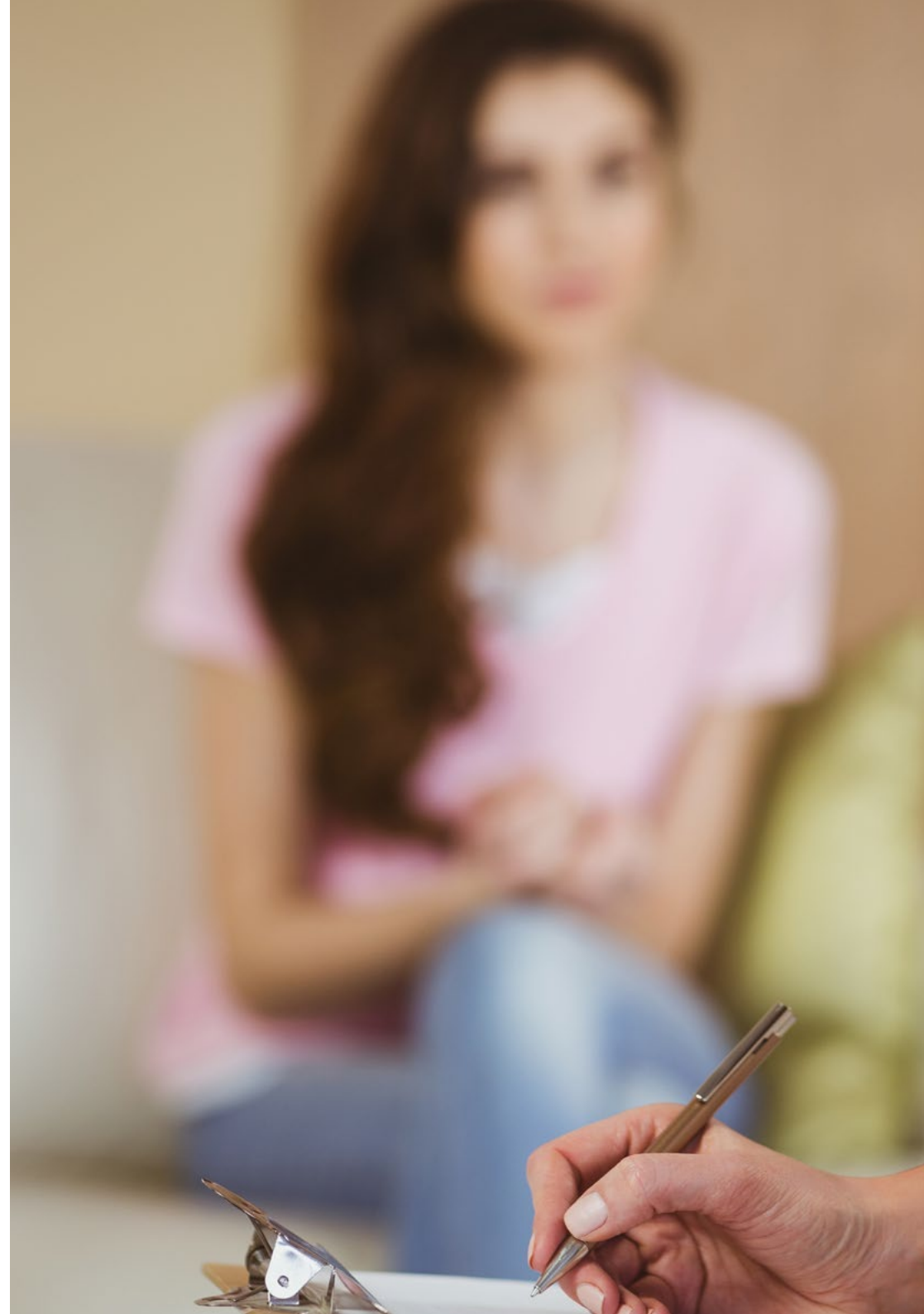


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*You will study theoretical content, case studies and a multimedia syllabus to make your academic experience unforgettable"*

## Module 1. Neurocognitive Disorders

- 1.1. Classification
- 1.2. Delirium: Epidemiology
  - 1.2.1. Risk Factors
  - 1.2.2. Etiopathogenesis
- 1.3. Delirium: Evaluation
  - 1.3.1. Diagnosis
  - 1.3.2. Differential Diagnosis
- 1.4. Delirium: Treatment
  - 1.4.1. Non-Pharmacological
  - 1.4.2. Pharmacological
- 1.5. Dementia
  - 1.5.1. Common Aspects
- 1.6. Dementia Due to Alzheimer's Disease
- 1.7. Dementia Due to Cerebrovascular Disease
- 1.8. Dementia Due to Lewy's Disease
- 1.9. Frontotemporal Dementia
- 1.10. Other Specified Neurocognitive Disorders
  - 1.10.1. Mild Neurocognitive Disorder
  - 1.10.2. Amnesic Disorder
  - 1.10.3. Secondary Neurocognitive Syndrome



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*Here you will not only learn by rote, but you will also learn from case studies that will motivate your logical reasoning and your professional skills"*

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 Neurocognitive Disorders guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Neurocognitive Disorders** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Neurocognitive Disorders**

Official N° of hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION 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  
development language  
virtual classroom



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**Neurocognitive Disorders**

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Duration: 6 weeks

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