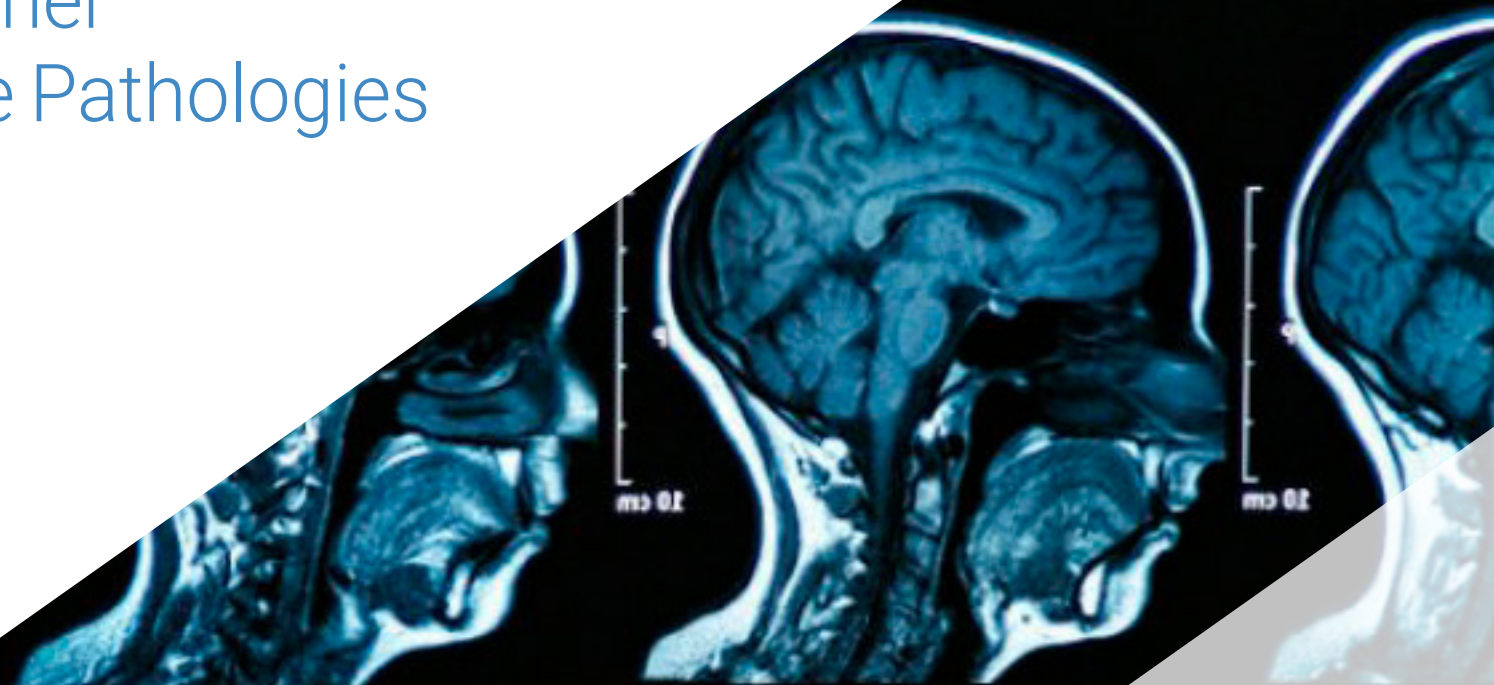


# Postgraduate Certificate

## Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies





## Postgraduate Certificate

### Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/medicine/postgraduate-certificate/advances-alzheimers-parkinsons-other-neurodegenerative-pathologies](http://www.techtitute.com/us/medicine/postgraduate-certificate/advances-alzheimers-parkinsons-other-neurodegenerative-pathologies)

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# 01

# Introduction

Neurodegenerative diseases pose a great challenge for the medical professional. Both in the first-line approach and in the rest of the therapeutic situations, these conditions require multiple interventions from medical professionals aimed at achieving the best possible prognosis for those affected. In constant research, Alzheimer's disease or Parkinson's disease, continuously create scientific novelties that the professional must know and master. This program has been created to offer students that possibility in a direct, efficient and simple way.







“

*The latest advances in the field of neurodegenerative diseases, Alzheimer's and Parkinson's, compiled in a Postgraduate Certificate of high educational efficiency, which will optimize your effort with the best results"*

Although Neurological Diagnosis is now made with greater certainty than in past decades, this accuracy has undoubtedly been helped by the advent of increasingly sophisticated Diagnostic Research Techniques. These advances involve new knowledge and scientific developments fostered by incessant Search.

Non-specialized medical professionals need access to the necessary knowledge in this field, even if they are not specialists in this field of work, in order to be able to act efficiently. However, accessing the necessary knowledge in this field and keeping up to date in this area can become incompatible with professional and personal Life. On the other hand, professionals need to find ways of updating their knowledge that are compatible with their personal and professional lives.

This Postgraduate Certificate has been created to provide an efficient response to this need: it focuses on real healthcare conditions, is eminently practical and does not go beyond what is essential in complex topics with little clinical impact.

The field of Neurology is wide, complex, and extensive. The Postgraduate Certificate will guide students so that they can globally, in a balanced and staggered manner, consider all the methodology required for the basic mastery of the specialty at the corresponding level.

Focused on the real context in which non-specialist physicians act and their diagnostic and care needs, this Postgraduate Certificate in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies will develop the knowledge that is truly necessary in a first or second level practice, avoiding dispersion in the learning effort.

The Postgraduate Certificate aims to prepare students with rigor, teach them with precision and provide them with ways to improve their skills so that they are able to lead realistic assistance and teaching programs in the specific field of their professional competencies.

This **Postgraduate Certificate in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ Graphic, schematic, and highly practical contents.
- ♦ The latest developments and cutting-edge advances in this field
- ♦ Practical exercises where the self-evaluation process can be carried out to improve learning.
- ♦ Innovative and highly efficient 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



*All the methodology necessary for the non-specialist medical professional in the field of neurology, in a specific and concrete program"*

“

*This Postgraduate Certificate is the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in *Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies*, you will obtain a Postgraduate Certificate from *TECH Technological University*"*

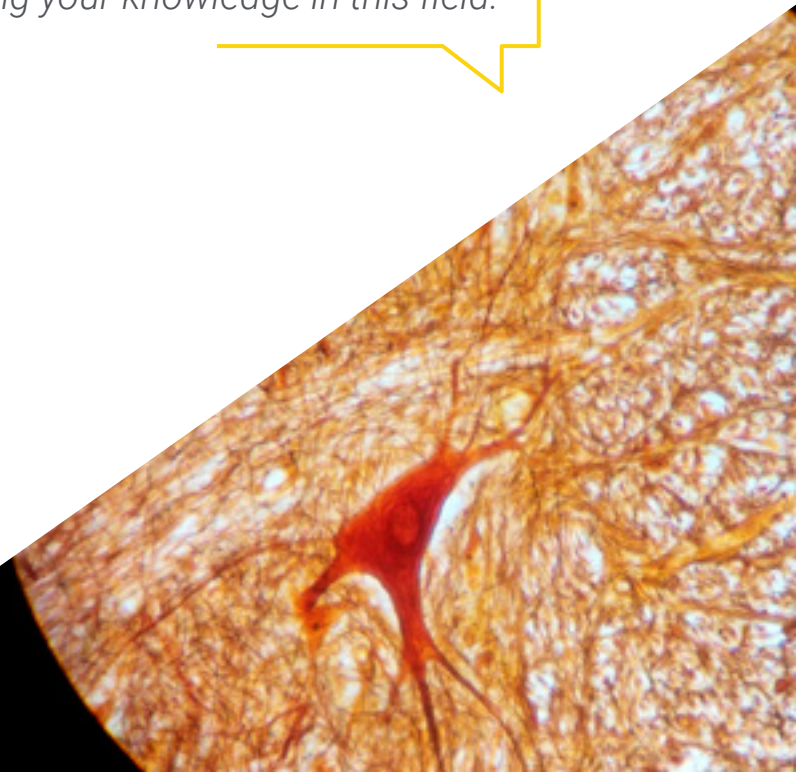
The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*An educational program created to allow you to implement your acquired knowledge into your daily practice in an almost immediate way.*

*This 100% online Postgraduate Certificate will allow you to balance your studies with your professional work while increasing your knowledge in this field.*





# 02 Objectives

The objective of this Postgraduate Certificate in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies is to offer medical professionals a complete pathway to acquire neurological knowledge, competencies and skills for routine clinical practice, or to update on the latest advances in this field of intervention. A practical and effective way to keep you at the forefront of a constantly evolving profession.





“

*Our goal is simple: to help you get the most complete update in the field of Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies in a Postgraduate Certificate fully compatible with your work and personal obligations"*



## General Objectives

---

- Acquire the Neurological Knowledge and Skills Necessary for Regular Clinical Practice in Specialized Consultation
- Learn about the latest updates and advances in clinical neurology



*An opportunity created for professionals who are looking for an intensive and effective course with which to take a significant step forward in their profession”*







## Specific Objectives

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- ◆ Know the Neurodegenerative Processes emerging in today's society and which, in the near future, will acquire epidemic proportions with -huge associated costs
- ◆ Have the clinical skills to diagnose and manage Alzheimer's and Parkinson's diseases adequately
- ◆ Know how to differentiate Alzheimer's disease from other dementias
- ◆ Know other hypo- or hyperkinetic movement disorders caused by diseases of the basal ganglia, especially dystonias

# 03

## Course Management

This comprehensive Postgraduate Certificate is taught by leading specialists in Neurology. All of them specialized in different fields of clinical care and practice, all of them experienced in teaching and research in different field of the nervous system and with the necessary management knowledge to provide a broad, systematic and realistic vision of the complexity of this field of Neuroscience, this group of experts will accompany the student throughout the program, putting their real and updated experience at the service of the students.





“

*Leading professionals in the field have come together to show you the latest advances in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies"*

## International Guest Director

Doctor David Simpson is a renowned physician specializing in Neurology at Mount Sinai Hospital in New York. Here, he has served as Director of the Department of Neurology as well as Director of the Division of Neuromuscular Diseases. He has also served as Director of the Clinical Neurophysiology Laboratories and as Director of the Neuro-AIDS Program. In this way, he has shown a particular interest in innovative therapies, such as the use of botulinum toxin and the capsaicin patch, with the aim of improving the quality of life of his patients.

He has also played a leading role in numerous clinical studies, leading research that has demonstrated the efficacy of the high-concentration capsaicin patch in the treatment of Peripheral Neuropathic Pain. He has also pioneered placebo-controlled studies that have confirmed the safety and effectiveness of botulinum toxin in treating Post-Stroke Spasticity. In addition, his research on botulinum toxin injection for the treatment of various neurological conditions has been instrumental in improving the techniques applied by practitioners.

Internationally, he has chaired panels of the American Academy of Neurology, developing guidelines for the use of botulinum toxin in the treatment of Movement Disorders, Pain and Autonomic Conditions. He has also been a member of other prestigious organizations, such as the American Pain Society and the American Academy of Neuromuscular and Electrodiagnostic Medicine, among others.

In addition to his clinical work, Dr. David Simpson has published more than 300 articles and has been a member of several editorial boards. His prolific academic output has included key studies in Peripheral Neuropathies and Spasticity, topics on which he has lectured worldwide, training other specialists in advanced techniques to improve neurological treatments.



## Dr. Simpson, David

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- Director of the Department of Neurology at Mount Sinai Hospital, New York, United States
- Director of the Division of Neuromuscular Diseases at Mount Sinai Hospital.
- Director of the Clinical Neurophysiology Laboratories at Mount Sinai Hospital
- Director of the Neuro-AIDS Program at Mount Sinai Hospital
- Doctor of Medicine from the University of Buffalo
- Fellowship in Clinical Neurophysiology
- America's Top Doctors Award from Castle Connolly Medical

“

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

## Guest Director



### Dr. Pérez Martínez, David Andrés

- ◆ Head of the Neurology Department of the University Hospital. 12 de Octubre
- ◆ Head of the Neurology and Neurophysiology Service at Hospital La Luz
- ◆ Head of the Neurology Section at the University Hospital Infanta Cristina
- ◆ Attending Physician Neurology at the Red Cross Central Hospital
- ◆ Director of the Neurowikia.com portal
- ◆ Director of the Brain Foundation
- ◆ Associate Professor in Neurology at the Complutense University of Madrid.
- ◆ University Specialist in Evidence-Based Medicine by the UNED (UNED)
- ◆ University Specialist in Probability and Statistics in Medicine by the UNED
- ◆ President of the Madrid Association of Neurology
- ◆ Member of the Alzheimer Foundation, Spain



## Management



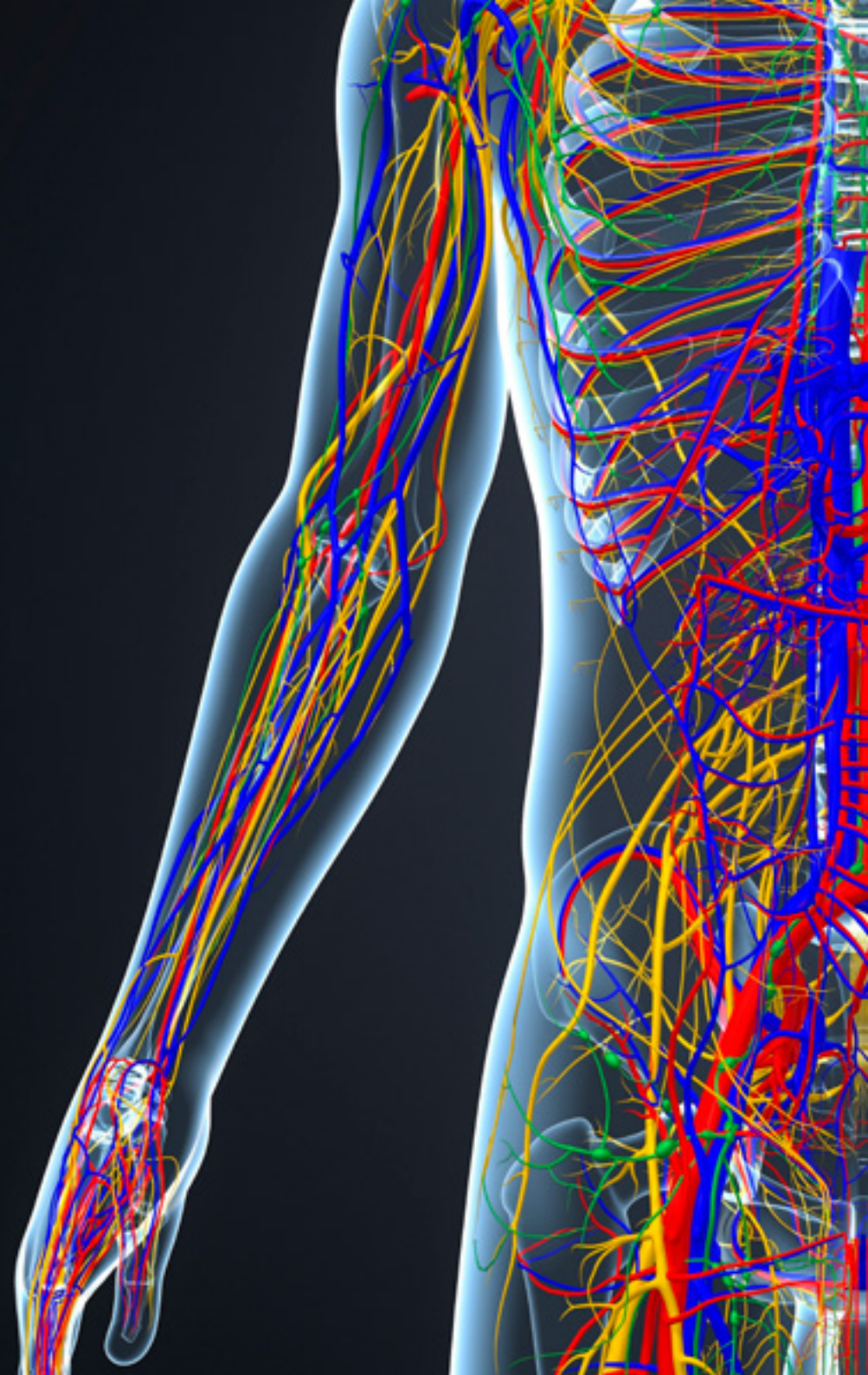
### Dr. Martín Araguz, Antonio

- ◆ Doctor of Medicine and Neurological Surgery
- ◆ Principal investigator of the international clinical trials of the UCN
- ◆ Chief of Neurology Section, Central Hospital of the Defence of Madrid
- ◆ Head of the Neurology Service of the University Hospital of the Air
- ◆ Chief of the Neurology Unit of the Havana Medical Center
- ◆ Medical Lieutenant Colonel of the Superior Health Corps of the Ministry of Defence
- ◆ University Professor
- ◆ Coordinator of the History of Neurology Group of the Spanish Society of Neurology
- ◆ PhD in Medicine and Surgery Alcalá de Henares University
- ◆ Degree in Medicine and Surgery. Valladolid
- ◆ Specialist via MIR in Neurology. Ramón y Cajal Hospital
- ◆ Specialist in Family and Community Medicine by the European Community
- ◆ Expert in Headache of the Neurological Sciences Unit of Madrid
- ◆ Rotations and further studies at Rush Presbyterian Hospital in Chicago and Eckerd College in St. Petersburg and Oslo
- ◆ Postgraduate Certificate in Aeronautical and Aerospace Medicine. CIMA, Center for Aerospace Medicine Instruction
- ◆ Member of more than 20 Scientific Societies, among which stand out: Spanish Society of Neurology, Madrid Association of Neurology, Spanish Association of Medical Writers and Artists

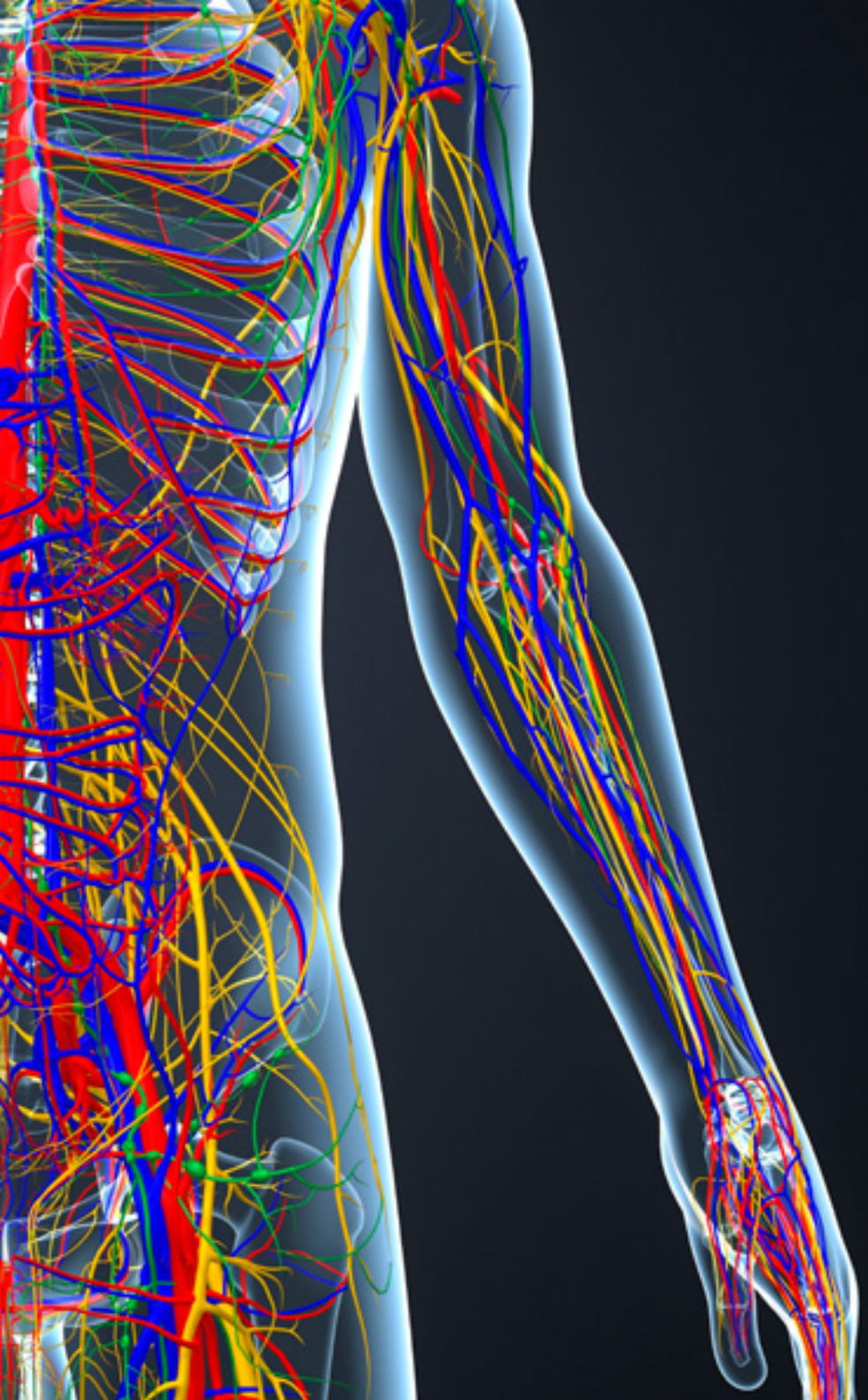
## Professors

### Dr. Almendral Doncel, Raquel

- ♦ Neuropediatrician, Hospital Virgen de la Salud, Toledo
- ♦ Neuropediatrician. General Hospital of Tomelloso
- ♦ Specialist in Family and Community Medicine, General Hospital of Albacete
- ♦ Specialist in Pediatrics and its specific areas, University Hospital San Juan de Alicante
- ♦ Author of the book "El triángulo del aprendizaje", Saralejandría Publishers, Castellón
- ♦ Doctor in Medicine and Surgery at the Autonomous University of Madrid
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ International Master in Psychobiology and Cognitive Neuroscience, Autonomous University of Barcelona
- ♦ Master in Pediatric Neurology and Neurodevelopment, Cardenal Herrera University.
- ♦ Expert in Advances in Developmental, Learning and Neuropsychiatric Disorders, Cardenal Herrera University
- ♦ Expert in Infectious Diseases of the Nervous System and Neurological Emergencies, Cardenal Herrera University
- ♦ Postgraduate Diploma in Advances in Prenatal, Neonatal Neurology and Metabolic Errors, Cardenal Herrera University
- ♦ Postgraduate Diploma in Advances in Motor and Paroxysmal Disorders in Pediatric Neurology, Cardenal Herrera University
- ♦ Postgraduate Diploma in Malformations, Chromosomal Alterations and Neurosurgical Pathology in Pediatric Neurology, Cardenal Herrera University
- ♦ Member of: Spanish Society of Child Neurology, Neuropediatrics Association of Madrid and Center





**Dr. Lobato Pérez, Luis**

- ◆ Psychologist and Neurologist, expert in Epilepsy and Addictions.
- ◆ Neurologist. La Luz Hospital, Madrid
- ◆ Specialist of the Psychological Attention Service (SAP), Academy of MIR Asturias.
- ◆ Specialist in Neurology. Quirónsalud Campo of Gibraltar Hospital
- ◆ General Neurology Consultation, Emergency Duty COVID19, University Hospital 12 de Octubre, Madrid, Spain
- ◆ Neurology Area Specialist, Neurology and Clinical Neurophysiology Service, University Hospital La Paz
- ◆ Neurophysiology on-call with the Epilepsy Monitoring Unit. Emergency Department, Pandemic COVID19, Neuroimmunology Unit. Neurology Service, University Hospital La Paz
- ◆ Epilepsy Monitorization Unit, Comprehensive Epilepsy Center (A. Kanner)
- ◆ Jackson Memorial Hospital, Miami University Hospital
- ◆ Clinical teaching collaborator Autonomous University of Madrid
- ◆ Degree in Medicine, University of Cadiz
- ◆ Degree in Psychology, National Distance University
- ◆ Master's Degree in Epilepsy, University of Murcia
- ◆ Master's Degree in Neurology Update, Universidad CEU San Pablo
- ◆ Expert in Clinical Intervention in Addictions, Colegio Oficial de Psicólogos de Madrid (COP)
- ◆ Postgraduate Diploma in Headaches, Francisco de Vitoria University
- ◆ Neurology Update & Stroke Intensive Review Course. University of Miami
- ◆ Member of the Spanish Society of Neurology

**Dr. De la Morena Vicente, Maria Asunción**

- ♦ Specialist in Neurology
- ♦ Assistant Physician, Neurology Specialist, University Hospital Infanta Cristina, Madrid
- ♦ Resident Neurology Physician, San Carlos Clinical Hospital, Madrid
- ♦ Neurology Area Specialist, San Carlos Clinical Hospital, Madrid
- ♦ Research Project Manager, Fundación Investigación, Hospital Clínico San Carlos, Madrid
- ♦ Medical Specialist in Neurology private professional activity. Center for Neurological Studies. Sanitas Hospitals, ICE Medical Center and Sanitas Hospital, La Moraleja
- ♦ Collaborator in Practical Teaching of the Department of Medicine of the Faculty of Medicine UCM
- ♦ Degree in Medicine and Surgery, Autonomous University of Madrid
- ♦ Doctorate courses in Neurosciences, Faculty of Medicine, Complutense University of Madrid
- ♦ Specialty Neurology via MIR at the University Clinical Hospital San Carlos, Madrid
- ♦ Specific Training Program in Epilepsy of the Foundation of the Spanish Society of Neurology, carried out at the Epilepsy Unit of the Hospital Clinic of Barcelona
- ♦ Member of: Spanish Neurology Society, Spanish Epilepsy Society, Madrid Neurology Association, Infanta Cristina Hospital Research Committee, Innovation Committee, Puerta de Hierro Hospital Research Institute

**Dr. Domínguez Salgado, Manuel**

- ♦ Head of the Epilepsy Unit and Cognitive Impairment Unit, Central Hospital de la Defensa Gómez Ulla, Madrid
- ♦ Area Specialist in Neurology, Hospital Central de la Defensa Gómez Ulla, Madrid
- ♦ Head of Neurology, Hospital Vithas, Madrid, La Milagrosa
- ♦ Associate Professor of Neurology University of Alcalá de Henares
- ♦ Professor of Neurology University of Castilla La Mancha
- ♦ Visiting Professor National School of Occupational Medicine, CEU San Pablo University
- ♦ Regular collaborator in several patient associations
- ♦ Author of several national and international books and book chapters
- ♦ Author of articles in national and international journals of impact
- ♦ Multiple presentations in several national and international congresses
- ♦ Doctor of Medicine from the Complutense University of Madrid in the Neurosciences program
- ♦ Specialist in Neurology and Clinical Neurophysiology
- ♦ Magister in Pediatric Neurology
- ♦ Member of: American Academy of Neurology European Academy of Neurology, Spanish Society of Neuropediatrics, Research Ethics Committee of the Central Defence Hospital



**Dr. Fe Marqués, Antonio**

- ♦ Medical Internist Specialist in Infectious Diseases
- ♦ Chief of Operational Military Health, Central Defence Hospital
- ♦ Medical Specialist in Internal Medicine and Infectious Diseases, Central Administration
- ♦ Head of Area, General Sub-Inspection of Health and Expert Support, IGESAN
- ♦ Head of High Level Isolation Unit, Central Defensa Hospital Gómez Ulla
- ♦ Head of CBRN-Infectious Diseases Unit, Central Defensa Hospital Gómez Ulla
- ♦ Specialist in Internal Medicine, Hospital Central de la Defensa Gómez Ulla.
- ♦ Doctor. Department of Medicine and Medical Specialties, University of Alcalá, Spain.
- ♦ Corresponding Academic, Royal Academy of Medicine of the Balearic Islands
- ♦ Full Professor, Military School of Health
- ♦ University Professor
- ♦ Doctor of Medicine, Complutense University, Madrid
- ♦ Degree in Medicine, Autonomous University, Madrid
- ♦ Resident of the specialty Internal Medicine, Complutense University, Madrid

**Dr. Toledo Alfocea, Daniel**

- ♦ Specialist in Neurology and Cerebrovascular Diseases
- ♦ Neurology Specialist, General Neurology Consultation, General Neurology Ward, Stroke Unit and Headache Consultation, University Hospital 12 de Octubre, Madrid
- ♦ Neurology specialist, general neurology ward and cognitive impairment consultation, Hospital Clínico San Carlos, Madrid
- ♦ Resident in Neurology, San Carlos Clinical Hospital, Madrid
- ♦ Member of the organizing committee of the conference: "Culturas Sanitarias. Professionals and patients: anthropological perspectives", Miguel Hernández University of Elche
- ♦ Treasurer at the XXX National Congress of Medical Students organized by the Miguel Hernández University of Elche
- ♦ Degree in Medicine, Faculty of Medicine, Miguel Hernández University, Alicante, Spain
- ♦ Title of expert in Headaches by the Francisco de Vitoria University
- ♦ First multidisciplinary meeting on headaches of the CAM (HU Clínico San Carlos).
- ♦ Diagnostic Imaging Simulation Program in Dementia, TMC Academy
- ♦ Rotation in neurotology at the Royal National ENT Hospital and the National Hospital for Neurology and Neurosurgery in London

**Dr. Ruiz Ezquerro, Juan José**

- ♦ Chief of Neurology Service at the Zamora Health Care Complex
- ♦ Editor of 'Neurosciences and History', official publication of the Historical Archive Museum of the Spanish Society of Neurology
- ♦ Chief of Internal Medicine Service. Zamora Health Care Complex
- ♦ Master Professor in Epilepsy, University of Murcia
- ♦ Master Professor in Clinical Neuropsychology University of León- IAEU
- ♦ Author of several publications, books and chapters, mainly on Clinical Neurology and Neurohistory, as well as Art History, Traditional Culture, Archaeology and Ethnography
- ♦ SEN History of Neurology Award
- ♦ Degree in Medicine from the University of Zaragoza
- ♦ Neurology Specialist - MIR, Clinical University Hospital of Salamanca, Spain

**Dr. Ruiz López, Marta**

- ♦ Specialist in Neurology
- ♦ Research Fellow, Institute of Neurogenetics, Germany
- ♦ Fellow, Toronto Western Hospital
- ♦ External Rotation Mont Sinai Hospital, New York
- ♦ Neurologist, Son Llàtzer Hospital
- ♦ Resident Physician in Neurology, University Hospital Son Espases, Spain
- ♦ Degree in Medicine from the University of Salamanca
- ♦ Master in Movement Disorders. 4th Edition, University of Murcia-Neurocampus-Viguera Editores
- ♦ Certification in Ultrasonography by the Spanish Society of Neurology





**Dr. Moreno, Irene**

- ◆ Clinical neurologist. Jiménez Díaz Hospital Foundation Hospital. Puerta de Hierro University Hospital
- ◆ Research neurologist at the Puerta de Hierro - Segovia de Arana Institute for Health Research
- ◆ Co-author of 3 books based on the study of Multiple Sclerosis
- ◆ PhD in Neurosciences "Cum Laude", Autonomous University of Madrid
- ◆ Medical Surgeon, National University of Colombia
- ◆ Specialist in Neurology via MIR by the University Hospital Puerta de Hierro Majadahonda.
- ◆ Master Neuroimmunology, Autonomous University of Barcelona, CEMCAT

**Dr. Puente Muñoz, Ana Isabel**

- ◆ Associate Chief of the Clinical Neurophysiology Service at Hospital La Luz
- ◆ Head of the Clinical Neurophysiology Unit at Hospital Central de la Cruz Roja
- ◆ Coordinator of the Sleep and Electroencephalography Unit at Hospital Quirónsalud Sur
- ◆ Coordinator of the Sleep Unit at Hospital Sanitas La Moraleja
- ◆ Resident Internist in Clinical Neurophysiology at San Carlos Clinical Hospital
- ◆ Author and co-author of scientific articles and books related to her specialty
- ◆ Speaker at numerous Clinical Neurophysiology Congresses

# 04

## Structure and Content

The structure of the contents has been designed by a team of professionals, aware of the current relevance of education in order to advance in the labor market with confidence and competitiveness, and to practice their profession with the excellence that only the best educational program allows.







“

*This Postgraduate Certificate in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies contains the most complete and up-to-date scientific program on the market"*

**Module 1.** Neurodegenerative Diseases: Alzheimer's Disease and Parkinson's Disease. Other Dementias, Parkinsonisms, and Movement Disorders. Spinocerebellar Heredoataxias

- 1.1. Alzheimer's Disease: Macroscopic and Microscopic Findings
- 1.2. Alzheimer's Disease: Clinical Findings
- 1.3. Research and Treatment of Degenerative Dementias
- 1.4. Dementia and Lewy Bodies
- 1.5. Frontotemporal Dementia, Lobar Atrophies, Tauopathies, and Frontotemporal Lobar Degeneration with Immunoreactive Changes
- 1.6. Parkinson's Disease
- 1.7. Other Parkinsonisms
- 1.8. Primary and Secondary Dystonia
- 1.9. Choreic and Ballistic Syndromes
- 1.10. Spinocerebellar Heredoataxias





“

*A unique, key, and decisive educational experience to boost your professional development”*

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.*





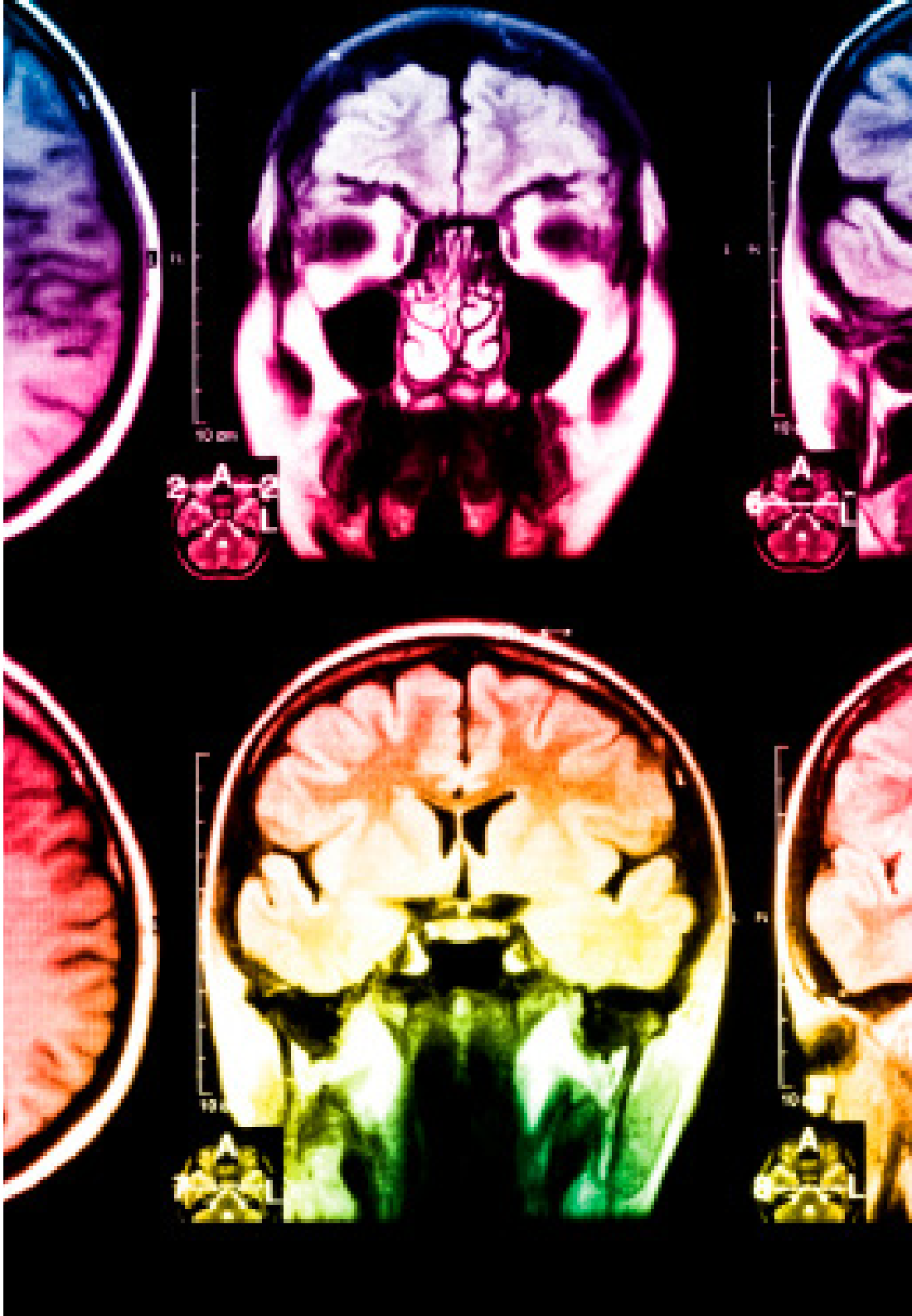
At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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.

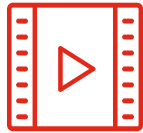
*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

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 adapted in 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

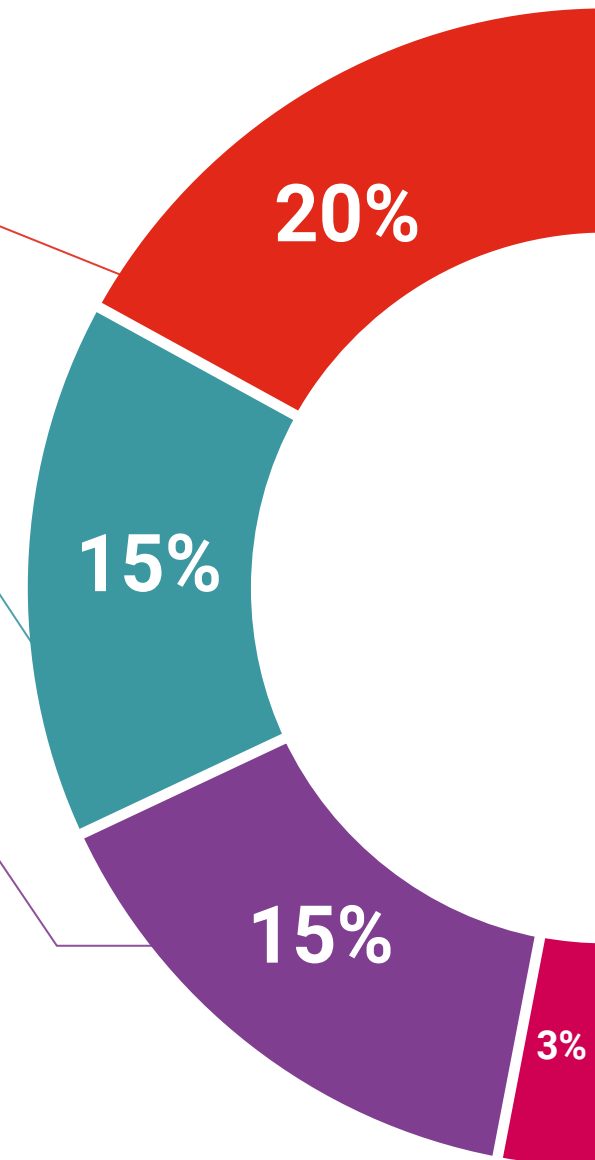
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

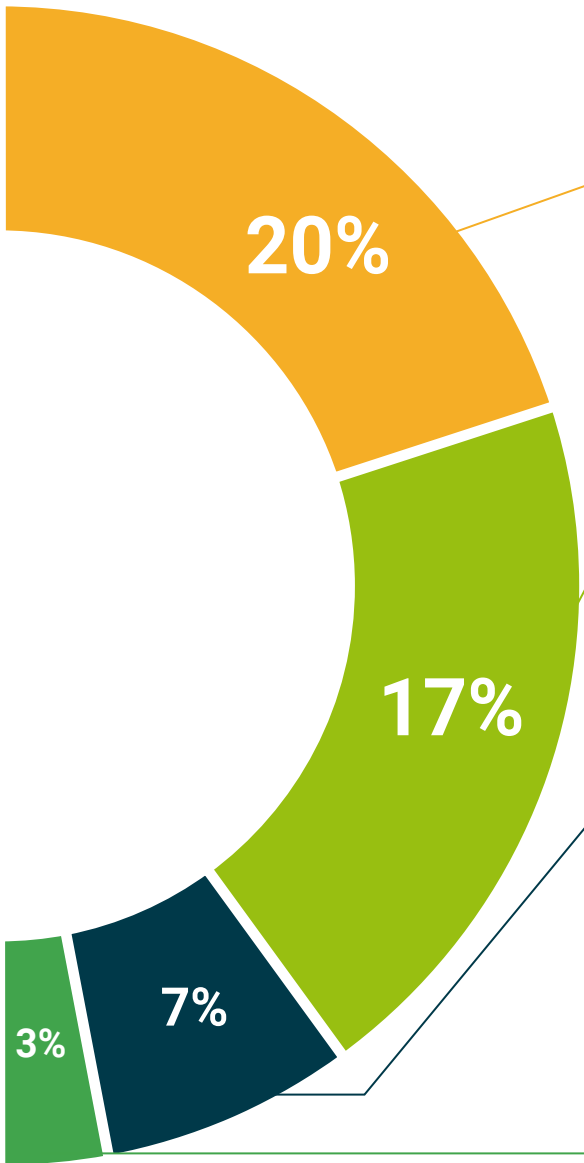
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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 Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





“

*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*

This **Postgraduate Certificate in Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies** 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 Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies**

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.



## Postgraduate Certificate Advances in Alzheimer's, Parkinson's and Other Neurodegenerative Pathologies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Certificate

Advances in Alzheimer's,  
Parkinson's and Other  
Neurodegenerative Pathologies

