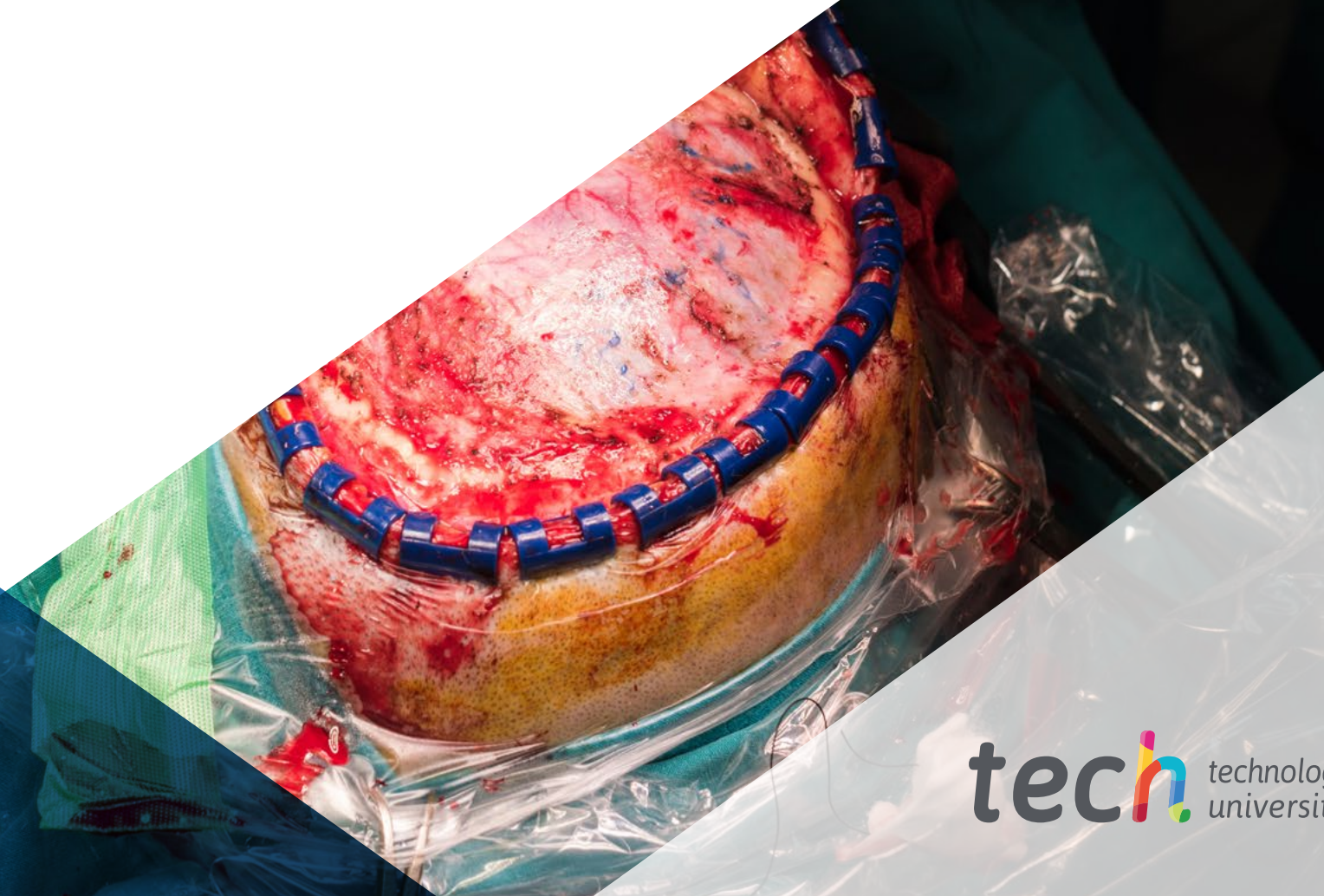


Hybrid Professional Master's Degree

Neurological Oncology





Hybrid Professional Master's Degree Neurological Oncology

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Website: www.techtute.com/us/medicine/hybrid-professional-master-degree/hybrid-professional-master-degree-neurological-oncology

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01

Introduction

Neurological oncology has grown considerably in recent decades to include a large number of high-precision techniques such as immunotherapy, spectrometry and tractography. Therefore, this discipline requires a complete and immediate updating of the specialist to keep them up to date with these new developments. TECH, responding to this situation, offers the physician this blended program, which provides a broad theoretical and practical mastery of the latest innovations in this medical area that deals with complex conditions such as ependinoma or chordoma. Thus, through a learning system that includes an intensive stay in a first level hospital center, you will be able to integrate the latest clinical postulates of this specialty into your own work.





“

Do not miss this great opportunity and become a professional expert in Neurological Oncology thanks to this complete Hybrid Professional Master's Degree that TECH brings to you"

Visual delineation of tumor margins with common surgical techniques has been a challenge faced by many surgeons. In an attempt to achieve safe and optimal resection, advances have been developed and applied that allow intraoperative analysis of cancerous and non-cancerous tissue. This is just one of the most current examples of the recent evolution of neuro-oncology in recent years. Research in this medical area has great potential in the short and medium term, which requires specialists to be prepared and to manage, in a holistic manner, the latest trends in this area. However, professionals rarely have access to teaching programs that give equal importance to theoretical and practical learning of procedures in this field of health care.

TECH, aware of this reality, has developed an innovative academic program, divided into two distinct parts, to offer the neurologist a complete update. Thus, this Hybrid Professional Master's Degree in Neurological Oncology begins on a 100% online and interactive study platform where the student will delve into the latest radiology and neurosurgery techniques for the removal and reduction of brain tumors. Likewise, the pharmacological management of this kind of tumors and the variants of Interventional Oncology. It will also examine the impact of immunotherapies and the most advanced protocols for their application.

After completing the theoretical analysis of these aspects, the specialist will have the opportunity to complete a face-to-face and intensive stay in a first level hospital center. During this 3-week hands-on training, the physician will treat patients with neuro-oncological pathologies using techniques based on the most complete scientific evidence. In addition, graduates will have exclusive access to various masterclasses prepared by an eminent figure in the field of medicine, a professional of the highest level in the international clinical context who has agreed to share his experience and contributions to the current context with graduates through video content.

This **Hybrid Professional Master's Degree in Neurological Oncology** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of more than 100 clinical cases presented by Neuro-Oncology experts
- ♦ Its graphic, schematic and eminently practical contents, which are designed to provide scientific and assistance information on those disciplines that are essential for professional practice
- ♦ Diagnostic and therapeutic novelties on evaluation, diagnosis and intervention in neurological oncology
- ♦ Practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ Iconography of clinical and diagnostic imaging tests
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ With special emphasis on evidence-based medicine and research methodologies in Neuro-Oncology
- ♦ All of this will be complemented by 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
- ♦ In addition, you will be able to carry out a clinical internship in a prestigious hospital center

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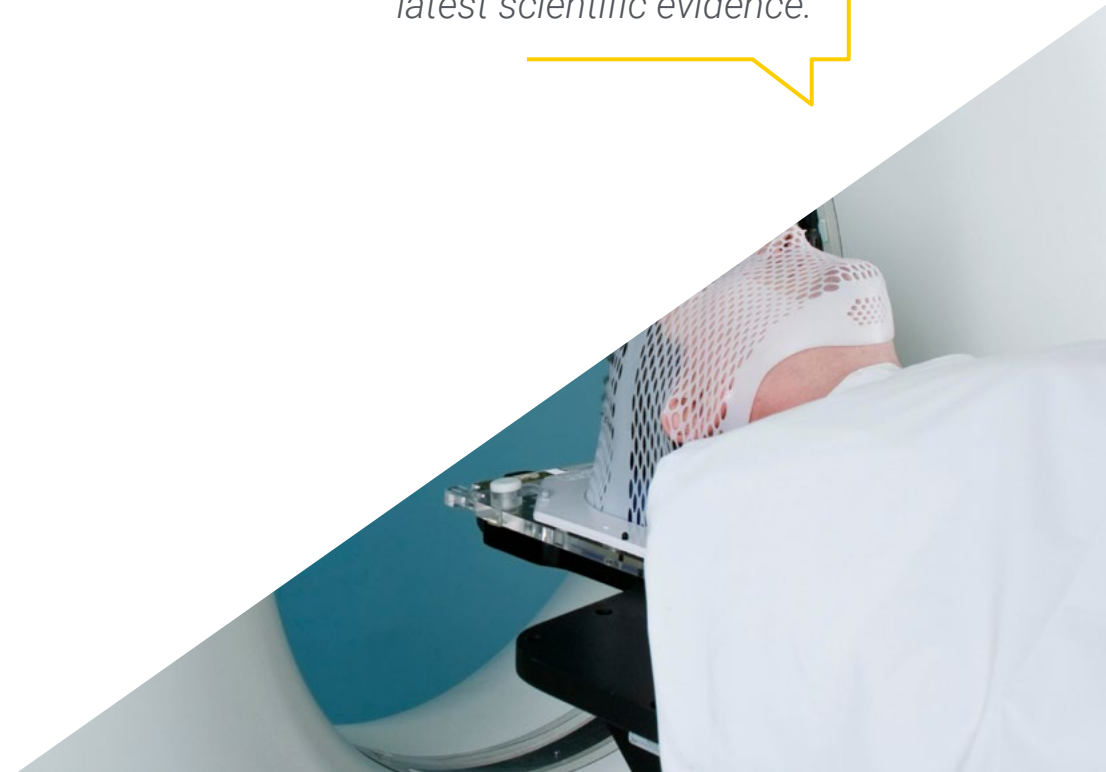
You are just a click away from being able to take an intensive 3-week program in prestigious hospitals and acquire all the knowledge you need to grow personally and professionally”

In this Professional Master's Degree proposal, of a professionalizing nature and blended learning modality, the program is aimed at updating medical professionals focused on Neurological Oncology, and who require a high level of qualification. The contents are based on the latest scientific evidence, and oriented in a didactic way to integrate theoretical knowledge into medical practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow decision making in patient management.

Thanks to their multimedia content developed with the latest educational technology, they will allow the MEDICINA professional to obtain situated and contextual learning, that is to say, a simulated environment that will provide immersive learning programmed to train in real situations. This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

This Hybrid Professional Master's Degree allows you to practice in simulated environments, which provide immersive learning programmed to train in real situations.

Through this program you will be able to update your knowledge and be able to provide quality patient care based on the latest scientific evidence.



02

Why Study this Hybrid Professional Master's Degree?

Unlike many other existing educational programs, this Hybrid Professional Master's Degree brings together the most innovative skills and procedures in the field of Neurological Oncology. Through this program, the professional will be able to broaden his or her skills in the use of modern technologies for the removal of brain tumors through neurosurgery or the use of potent drugs and immunotherapy for their reduction. The knowledge acquired during the theoretical phase will be put into practice in a face-to-face and intensive stay in state-of-the-art hospitals.



“

TECH will expand your capabilities to implement novel cancer treatments and interventional oncology"

1. Updating from the latest technology available

This Hybrid Professional Master's Degree in Neurological Oncology will enable the physician to handle the most complex tools for the surgical removal of brain tumors. At the same time, they will analyze other equipment necessary for the application of intraoperative radiation, as well as the methodologies to correctly develop the Interventional Oncology protocol.

2. Gaining In-Depth Knowledge from the Experience of Top Specialists

During this complete program, the specialist will have access to the best experts in the field of Neurological Oncology. In the first phase, you will be taught by internationally renowned professors. Likewise, the most distinguished professionals, who will host you in top level hospital centers, will be supported to assimilate new skills during the practical training stage.

3. Entering First-Class Clinical Environments

Specialists pursuing this program are guaranteed access to leading medical institutions that have been carefully selected by TECH. These entities have the most innovative technology of the moment, as well as the most qualified professionals for its management. In this way, the physician will learn the most comprehensive procedures from the best experts.





4. Combining the Best Theory with State-of-the-Art Practice

Pedagogical programs in the field of neurological oncology rarely pay attention to the practical preparation of professionals. However, this program emphasizes this training as well as the assimilation of the main theoretical developments in the sector. Thus, the specialist will be able to apply the best procedures and skills, from the first moment and with confidence, on real patients.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility to carry out the Internship Program of this Hybrid Professional Master's Degree in international centers. In this way, the physician will be able to expand his frontiers and catch up with the best professionals and in hospitals located in different continents. A unique opportunity that only the world's largest digital university could offer.



You will have full practical immersion at the center of your choice"

03

Objectives

Neurological Oncology is an area that has developed an exponential growth in recent years, thanks to which it has been possible to establish even earlier and more effective therapeutic and diagnostic guidelines. Therefore, the objective of this program is to serve as a guide for the specialist in his update, providing him with the latest information and the best and most innovative academic tools that will make this experience a unique opportunity to improve his medical skills in a theoretical and practical way.



“

Whatever your objectives are, this Hybrid Professional Master's Degree has been designed in such a way that you will achieve them with maximum guarantees and in less time than you expect"



General Objective

- This Hybrid Professional Master's Degree in Neurological Oncology has been designed by TECH's team of experts in order to create in the specialist a global and updated vision of the subject and all its aspects, taking as a reference the latest information in the sector. For this purpose, it will provide you with all the academic material you will need to include in your daily practice the clinical diagnostic and treatment strategies that have had the best results to date

“

This is the perfect program to work on perfecting your medical skills in a multidisciplinary way in the clinic of the future with experts in Neurological Oncology”





Specific Objectives

Module 1. Brain Tumors Biology

- ◆ Update knowledge in the molecular biology of cancer, especially in relation to the concept of genetic heterogeneity, reprogramming of the microenvironment in neurological tumors and the role of the immune response in cancer control
- ◆ Provide and expand knowledge on immunotherapy, as an example of a clear scientific advance in translational research, and one of the most promising lines of research in cancer treatment
- ◆ Learn how advances in the molecular biology of brain tumors have been incorporated into anatomopathological diagnosis, many of them as a result of extensive genetic research on the origin of these neoplasms, their behavior according to the molecular pattern expressed and the therapeutic viability of attacking certain mutations with new chemotherapies
- ◆ Learn about the new World Health Organization (WHO) Classification of Primary Tumors of the Central Nervous System, which for the first time incorporates the need for molecular biology markers for the correct classification of astrocytic, oligodendroglial and medulloblastoma tumors
- ◆ Describe the utility of liquid biopsy, focused on the genomic analysis of circulating tumor DNA, for a more adequate diagnosis of brain gliomas, enabling their classification

Module 2. Radiology in the Management of Brain Tumors

- ◆ Delve into the new magnetic resonance techniques in neuro-oncology
- ◆ Manage the most recent developments in computed tomography for the management of neuro-oncological complications
- ◆ Value the role of nuclear medicine in the diagnosis of neuro-oncologic complications
- ◆ Analyze the different types of primary tumors of the central nervous system

Module 3. Neurosurgery of Brain Tumors

- ♦ Describe an accurate surgical strategy in the treatment of patients with primary brain tumors
- ♦ Delve into neuromonitoring in brain tumor surgery
- ♦ Develop new techniques to assist in neuro-oncological surgical treatments
- ♦ Define the different surgeries and protocols for the awake patient

Module 4. Radiotherapeutic and Pharmacological Management of Brain Tumors

- ♦ Know the radiotherapy management of Metastasis metastases and primary brain tumors
- ♦ Delve into the impact of recent clinical trial results on clinical practice

Module 5. Diagnostic and Therapeutic Algorithms for Brain Tumors

- ♦ Study treatment algorithms for anaplastic astrocytomas, oligodendrogliomas and glioblastomas
- ♦ Develop the monitoring and management of immune-related adverse events

Module 6. Brain Tumors and Neuroncologic Complications at Pediatric Age

- ♦ Delve into the preoperative management and current considerations in pediatric brain tumor surgery
- ♦ Know the main neuro-oncological complications in children with systemic cancer

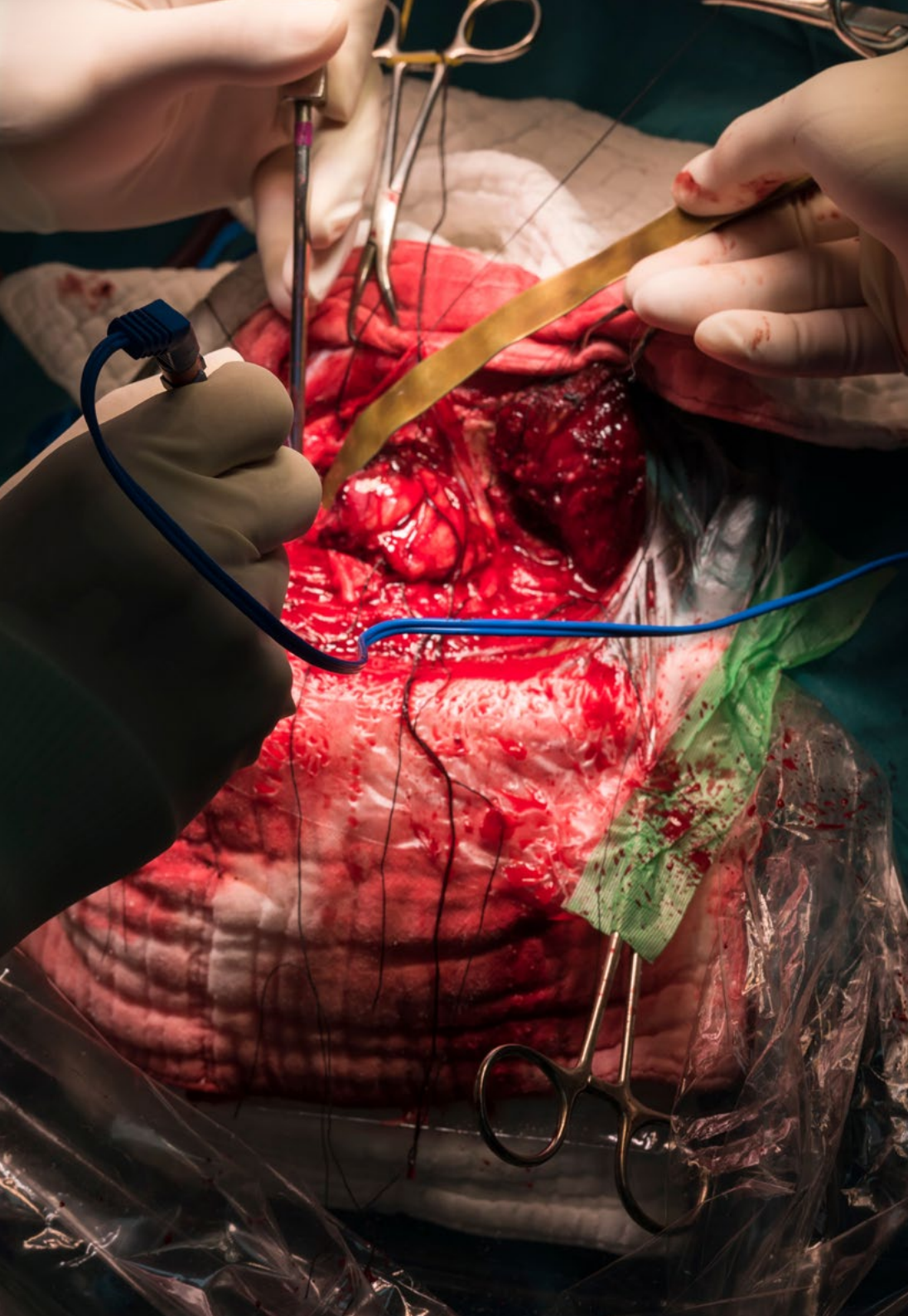
Module 7. Special Brain Tumors

- ♦ Study the algorithm for the treatment of Germ Cell Tumors
- ♦ Develop the new techniques in Skull Base Surgery
- ♦ Delve into the Management of Malignant Skull Base Tumors
- ♦ Explore the latest developments in brain tumors and neurofibromatosis

Module 8. Cerebral and Leptomeningeal Metastases

- ♦ Develop new immunotherapy treatments concerning brain metastases
- ♦ Understand the role of chemotherapy in the treatment of brain metastases





Module 9. Paraneoplastic Syndromes and Comorbidities in Neurological Cancers

- ◆ Study paraneoplastic cerebellar degeneration, paraneoplastic sensory neuropathy and more paraneoplastic syndromes
- ◆ Address new developments in the approach to necrotizing myopathies and paraneoplastic dermatomyositis
- ◆ Know the neurological complications of leukemia, digestive tumors, nephrouinary cancer and sarcomas
- ◆ Delve into the neuro-oncology of gynecological cancer

Module 10. Neurological and Medical Complications in Cancer

- ◆ Describe the main neurological complications in radiotherapy, chemotherapy and Immunobiology therapies
- ◆ Develop methods for prevention and early detection of cognitive impairment
- ◆ Know the management of infectious, cardiovascular, endocrinological and nutritional comorbidities
- ◆ Delve into the palliative management of the symptoms of brain tumors

Module 11. The Future Collaborative World in Neuro-Oncology

- ◆ Know the main virtues of *Big Data*, *networking* and collaborative online world in neuro-oncology
- ◆ Develop the components of clinical management in Oncology

04 Skills

After passing the evaluations of the Hybrid Professional Master's Degree in Neurological Oncology, the medical professional will have acquired the professional competencies necessary for quality medical care, and updated based on the latest scientific evidence.

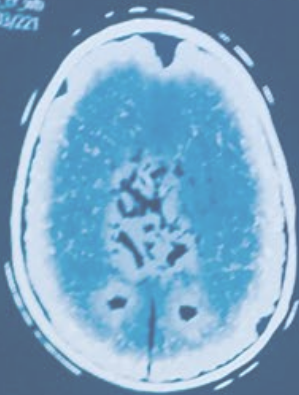


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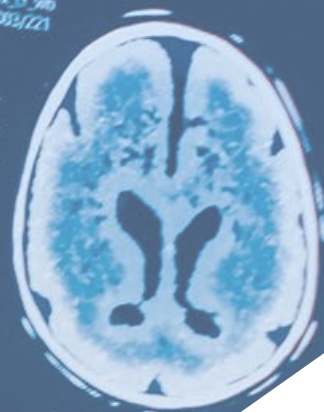
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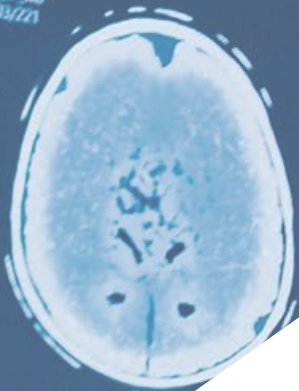
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Through this program you will be able to update your knowledge and be able to provide quality patient care based on the latest scientific evidence"



General Skills

- ◆ Possess and understand knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, often in a research context
- ◆ Apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study
- ◆ Integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments
- ◆ Communicate their conclusions and the ultimate knowledge and rationale behind them to specialized and non-specialized audiences in a clear and unambiguous manner
- ◆ Acquire the learning skills that will enable further studying in a largely self-directed or autonomous manner
- ◆ Develop within the profession in terms of working with other health professionals, acquiring skills to work as a team
- ◆ Recognize the need to maintain your professional skills and keep them up to date, with special emphasis on autonomous and continuous learning of new information
- ◆ Develop the capacity for critical analysis and research in your professional field





Specific Skills

- Expand knowledge of next-generation sequencing (NGS) as an emerging technology that can detect a wide variety of molecular alterations, including single nucleotide variations (SNVs), insertions and deletions (*indels*) and copy number variations (CNVs), making it an attractive, efficient and cost-effective molecular platform for the classification of brain tumors according to WHO criteria
- Analyze how the advances of the last decades in both diagnosis and treatment of cancer have managed to increase survival, which has led to an increase in neurological complications
- Learn the basics of clinical management since the neuro-oncology specialist must be a specialist who occupies a key position in the organization, management and communication
- Review the vast majority of different cancers that warrant neurological management and show the specific issues for each tumor
- Learning how the development of technology has been introduced in the new neuro-oncological care equipment, allowing stereotactic surgery, the evolution of neuroimaging techniques, neuronavigation, neuroendoscopy, as well as the appearance of specialized instruments for cranial base surgery, high-speed bone cutting equipment, ultrasonic aspiration, fluorescence-guided surgery with aminolevulinic acid (5-ALA), intelligent operating rooms and the recent availability of radiological neuroimaging tests installed in the operating rooms
- Create a global and updated vision of the exposed topics that will allow the student to acquire useful knowledge and at the same time, generate interest in expanding the information and discovering its application in their daily practice
- Learn the basics of brain, brainstem and spinal cord radiotherapy, as well as the different techniques available and their efficacy in order to understand the role of each technique for central nervous system tumor management
- Understand the radiological advances that allow a differential diagnosis between brain tumors and inflammatory processes, make it possible to precisely define the field of resection, and provide information on prognosis and follow-up after treatment



Learn from professionals of reference, who will put all their experience at the service of a Hybrid Professional Master's Degree of the highest quality"

05

Course Management

TECH has assembled a distinguished team of professors for this program. All of them have extensive experience in the approach to neuro-oncological pathologies and the use of technological innovations for their diagnosis and treatment. This faculty has put together an innovative syllabus that includes the latest developments in this health field and facilitates the physician's rapid and flexible assimilation of the most complex techniques and equipment available, through a totally personalized teaching guide.



“

TECH teachers have participated in the design of multimedia resources such as summaries and infographics that will help you assimilate the theoretical contents of this Hybrid Professional Master's Degree more quickly”

International Guest Director

Dr. Lawrence Recht is an eminent figure in the international clinical arena for the multiple contributions he has made in the field of neuro-oncology. He is a distinguished professional with more than four decades of experience in the management of cancer and its early detection, an area to which he has dedicated dozens of research projects. **Thanks to their exhaustive work in understanding the brain tumor, they have established the importance of discovering how and why it evolves previously in order to treat it at an early stage, rather than focusing efforts on treating the neoplasm itself.** As a result, this pathology is now being addressed more effectively and efficiently in tens of thousands of patients around the world.

He has a distinguished academic resume, including undergraduate training at Columbia, as well as additional training in Neuro-Oncology at Memorial Sloan Kettering Cancer Institute in New York. He is also a Doctor of Medicine, an activity that has led him to collaborate and direct various research programs in prestigious centers such as Stanford Health Care, the Stanford Cancer Institute and the Wu Tsai Neurosciences Institute, all of them focused on the field of Neurology and Neurosurgery.

On the other hand, he has authored and co-authored dozens of articles indexed in international clinical journals such as the Journal of Neurosurgery, American Journal of Pathology or the Journal of the National Comprehensive Cancer Network. This has allowed him to contribute to the knowledge of the diagnosis and treatment of brain tumors, using methods such as magnetic resonance imaging and computed tomography to improve the detection and characterization of these lesions. **In addition, he has made great strides in designing therapeutic approaches to treat neurological tumors, bringing together the understanding of the underlying biology of these conditions.**



Dr. Lawrence Recht

- International Expert in Neurological Oncology and Neurosurgery
- Stanford Professor of Neurology and Neurological Sciences
- Professor of Neurosurgery at Stanford
- MD at Columbia's P&S Faculty
- Residency at the University of Minnesota Medical School
- Clinical Fellowship at Memorial Sloan-Kettering Cancer Center in New York City
- Clinical certification by the American Board of Psychiatry and Neurology
- Director of more than a dozen clinical trials in the measurement of tumors
- Author and co-author of more than 3 dozen articles indexed in international medical journals
- Member of Bio-X, Stanford Cancer Institute and Wu Tsai Neuroscience Institute

“

Thanks to TECH you will be able to learn with the best professionals in the world"

Management



Dr. Mauro Javier Oruezábal Moreno

- Head of the medical Oncology Service at La Paz University Hospital since 2017
- Doctor of Medicine from the Complutense University Madrid (UCM)
- Master's Degree in Bioinformatics and Biostatistics from the Universitat Oberta de Catalunya
- Master's Degree in Bioinformatics Analysis, Pablo de Olavide University
- Research Fellow at University of Southampton
- Graduate in Medicine and Surgery from the Universidad de Navarra
- Member of Spanish Society of Medical Oncology, the Spanish Group of Digestive Tumors (TTD)



Dr. Alfonso Lagares Gómez Abascal

- Head of Neurosurgery Department, 12 de Octubre University Hospital
- Coordinator of the Neurotraumatology and Subarachnoid Hemorrhage Research Group of the Research Institute at the Hospital Universitario 12 de Octubre (i+12)
- Associate Professor in Biomedical Engineering at the Carlos III University of Madrid
- Neurosurgery Teacher at the Complutense University of Madrid
- Doctorate in Medicine from the Autonomous University Madrid
- Degree in Medicine and Surgery from the Autonomous University of Madrid
- Specialist in Neurosurgery at the University Hospital 12 de Octubre
- Master's Degree in Medical Management and Clinical Management by the ENS

Professors

Dr. Marta Dueñas Porto

- ♦ Researcher at the Energy, Environmental. and Technological Research Centre (CIEMAT)
- ♦ Researcher at Foundation for Biomedical Research I+12
- ♦ Head of the Genomics Department at the Center for Genetic Engineering and Biotechnology
- ♦ Researcher at the Center for Genetic Engineering and Biotechnology
- ♦ PhD in Biology Molecular from the Autonomous University of Madrid (UAM)
- ♦ Degree in Biological Sciences from the UH
- ♦ Member of the Profarma Technical Committee

Mr. Jesús María Paramio Gonzalez

- ♦ Molecular Oncology Division Manager Unit of the at the Energy, Environmental and Technological Research Centre (CIEMAT)
- ♦ Researcher at the Biomedical Research Institute of the Hospital Universitario 12 de Octubre
- ♦ Specialist in Cell Biology at the Energy, Environmental and Technological Research Center (CIEMAT)

Dr. Aurora Astudillo González

- ♦ Doctor of Medicine and former Scientific Director of the Principality of Asturias Biobank
- ♦ Former Professor of Pathological Anatomy at the University of Oviedo
- ♦ Lecturer at the University of Oviedo and attached to the Central University Hospital of Asturias
- ♦ Ponente TEDx Talks

- ♦ European Board of Neuropathology
- ♦ European Board of Pathology

Alejandro Velastegui Ordoñez

- ♦ Oncologist at the Rey Juan Carlos University Hospital. Spain
- ♦ Rotation at the Digestive Tumors Clinical Research Unit at the Spanish National Cancer Research Center (CNIO)
- ♦ Specialist in Intensive Care Medicine, Gregorio Marañón General University Hospital
- ♦ Specialist in Medical Oncology at Fundación Alcorcón University Hospital
- ♦ Degree in Medicine from the University Catholic of Santiago de Guayaquil

Dr. Aurelio Hernández Laín

- ♦ FEA of the Intensive Care Service at the 12 de Octubre University Hospital
- ♦ Associate Professor of La Health Sciences at the Complutense University of Madrid(UCM)
- ♦ Doctor in Medicine from the Autonomous University Madrid
- ♦ Member of the Spanish Pathological Anatomy Society and its of Neuropathology Working Group

Dr. Oscar Toldos González

- ♦ Gynecology and Obstetrics Department of the 12 de Octubre University Hospital
- ♦ Associate Professor of Health from Sciences at the Faculty of Medicine, Psychiatry and Pathology the University Complutense of Madrid.(UCM)
- ♦ Co-inventor of the method for the diagnosis of Essential Thrombocythemia and the kit to perform it
- ♦ Member of Spanish Society of Endocrinology and Nutrition (SEEN), Spanish Society of Pathological Anatomy (SEAP Directors)

Dr. Laura Bermejo Guerrero

- ♦ Neurologist at the 12 de Octubre University Hospital
- ♦ Researcher specialized in Neurology
- ♦ Degree in Medicine

Dr. Daniel Rueda Fernández

- ♦ Head of the Biomarker Discovery and Pharmacogenomics Unit at PharmaMar
- ♦ Head of Genetic Studies in Hereditary Cancer at the 12 de Octubre. University Hospital
- ♦ Molecular Biologist at Gemolab S.L
- ♦ Research Scientist at Sylentis
- ♦ Dr. in Biochemistry and Molecular Biology from the Complutense University of Madrid (UCM)
- ♦ Degree in Biochemistry Medicine from the Complutense University of Madrid (UCM)

Dr. Rafael López López

- ♦ Head of the Medical Oncology Department, Complejo Hospitalario Universitario de Santiago de Compostela
- ♦ Director of the Translational Medical Oncology Group at the Instituto de Investigación Sanitaria de Santiago de Compostela
- ♦ Creator of Medical Oncology Service, Hospital de Navarra. Vitoria, Spain
- ♦ Research Physician at the Department of Oncology, Free University Hospital. Amsterdam
- ♦ Principal Investigator of more than 100 clinical trials, with emphasis in the field of Translational Research in Solid Tumours

- ♦ Author of 200 articles in national and international journals of highly prestigious
- ♦ Founding Partner of the company Nasasbiotech
- ♦ Degree in Medicine from the Autonomous University Madrid
- ♦ Permanent Member of the Royal Academy of La Medicine and Surgery of Galicia
- ♦ Member of European Society for Medical Oncology (ESMO), Sociedad Española de Oncología Médica (SEOM), American Society for Clinical Oncology (ASCO), American Association for Cancer Research (AACR)

Dr. Patricia Martín Medina

- ♦ FEA of the Intensive Care Service at the 12 de Octubre University Hospital
- ♦ Specialist in the Radiodiagnosis and Diagnostic Imaging Area at HM La Esperanza Hospital
- ♦ Specialist in the area of Radiodiagnosis and Diagnostic Imaging at HM Gabinete Velazquez
- ♦ Member of the Spanish Society of Neuroradiology (SENR), Spanish Society of Medical Radiology (SERAM)
- ♦ Co-author of the March 2020 SENR Case of the Month

Dr. Eva Ruiz

- ♦ Research Director, Ipsos Healthcare

Dr. Elena Salvador Álvarez

- ♦ Specialist physician Radiodiagnosis the Department of the at the 12 de Octubre University Hospital
- ♦ Specialist in General and Digestive System and Diagnostic Imaging HM Puerto del Sur University Hospital, Madrid
- ♦ Associate Professor of Health from Sciences at the Faculty of Radiology and Medicine in Physical the University Complutense of Madrid

- ♦ Speaker at the V Congress of the Federation of Spanish Neuropsychology Associations
- ♦ Member of the Federation of Spanish Neuropsychology Associations (FANPSE)

Dr. Laura Koren Fernández

- ♦ Assistant Physician at the HM Montepíncipe University Hospital in the Radiodiagnosis and Diagnostic Imaging Area
- ♦ FEA of the Intensive Care Service at the 12 de Octubre University Hospital
- ♦ FEA of the Radiodiagnosis Service at the 12 de Octubre University Hospital
- ♦ Speaker at the 34th National Congress in Pamplona, Spain

Dr. Patricia Calleja Salas

- ♦ Neurology Service, 12 de Octubre University Hospital, Madrid

Dr. Ramón De las Peñas Bataller

- ♦ Medical Director of the Oncology Consortium at the Castellón University General Hospital
- ♦ President of the Spanish Group of Orphan and Infrequent Customer Tumors (GETTHI)
- ♦ Bachelor in Medicine and Surgery from the University of Valencia
- ♦ Specialist in Neurology
- ♦ Specialist in Medical Oncology

Dr. Teresa Ribalta

- ♦ Pathologist and Neuropathologist at the Barcelona Hospital Clinic and IDIBAPS
- ♦ Neuropathology Specialist
- ♦ Head of the Department of Pathology and Director of the Biobank at Hospital Sant Joan de Déu
- ♦ Head of the Pediatric Pathology Section, Barcelona Hospital Clinic

- ♦ Professor of Anatomic Pathology at the University of Barcelona
- ♦ Degree in Medicine from the University of Barcelona

Dr. Juan Romero Coronado

- ♦ Specialist physician Service of the at the 12 de Octubre University Hospital. Madrid
- ♦ Neuroradiologist at the University Hospital HM Sanchinarro
- ♦ Head of the Retina Unit at FOM
- ♦ General Radiologist at the Milenium Medical Center Núñez de Balboa. Madrid, Spain
- ♦ Neuroradiologist at Los Madroños Hospital
- ♦ Senior Professor Associate the Alfonso X el Sabio University
- ♦ Master's Degree in Artificial Intelligence in Health Care from MIT Sloan School of Management
- ♦ Expert in Neurobiology and Neurosciences, Universidad Pontificia de Salamanca

Dr. Noemí Vidal

- ♦ Assistant Doctor of the Neuropathology Department at the University Hospital of Bellvitge
- ♦ Attending Physician. of the Anatomy and Pathology Fields, Sant Joan de Déu Hospital, Barcelona, Spain
- ♦ Assistant Physician in the Anatomic Pathology Department at the Plató Hospital
- ♦ Specialist Physician of the Neurology Area of the Institute of Neuropathology at the University Hospital of Bellvitge
- ♦ Pathologist at Hospital Quirónsalud

Dr. Ana Ramos González

- ♦ Head of the Neuroradiology Service, 12 de Octubre University Hospital
- ♦ Specialist physician Radiodiagnosis the Department of the at the 12 de Octubre University Hospital

- ♦ Radiodiagnostic and Diagnostic Imaging Specialist at HM Torrelodones, HM Sanchinarro and HM Puerta del Sur
- ♦ Associate Professor in Radiology and Physical Medicine at the Complutense University of Madrid (UCM)
- ♦ Doctor of Medicine, University of Cantabria, Spain
- ♦ Author and co-author of more than twenty scientific articles related to radiodiagnosis, its tools and tests

Dr. Juan Antonio Blanco

- ♦ Assistant Physician of the Diagnostic Imaging Service of the Central Radiodiagnostic Unit of the Infanta Cristina University Hospital
- ♦ Assistant Physician of the Diagnostic Imaging Service at the Alcorcón Foundation University Hospital
- ♦ Collaborating physician in practical teaching at the Department of Radiology and Physical Medicine of the Faculty of Medicine of the Complutense University of Madrid (UCM)
- ♦ Degree in Medicine and Surgery from the Universidad Autónoma of Madrid (UAM)
- ♦ Specialist in Radiodiagnostics in the San Carlos Clinical Hospital.. Madrid
- ♦ Member of the Head and Neck Tumors Committee at the Infanta Cristina University Hospital

Dr. Amaya Hilario Barrio

- ♦ FEA of the Intensive Care Service at the 12 de Octubre University Hospital
- ♦ Associate Professor of Health Sciences in the Department of Radiology, Rehabilitation and Physiotherapy of the UCM
- ♦ Director of the X National Neuroradiology Program
- ♦ Doctor in Medicine from the University of the Basque Country
- ♦ Member of Spanish Society of Neuroradiology (SENOR)

Dr. Raquel Jover Díaz

- ♦ FEA of the Department of Nuclear Medicine at the Ramón y Cajal University Hospital
- ♦ Head of Patient Safety at SEMNIM
- ♦ Patient Safety Representative in Nuclear Medicine at the Ministry of Health
- ♦ FEA of Nuclear Medicine and Molecular Imaging at the University Hospital San Juan de Alicante
- ♦ FEA of Nuclear Medicine and Molecular Imaging at Hospital San Jaime. Torrevieja, Alicante
- ♦ FEA of Nuclear Medicine and Molecular Imaging at the Mediterranean PET Center
- ♦ Head of the Nuclear Medicine Service at the Rey Juan Carlos Hospital
- ♦ Doctorate with research proficiency by the UMH

Dr. Sebastián Ruiz Solís

- ♦ Attending Physician, Nuclear Care Medicine Department, 12 de Octubre University Hospital. Madrid
- ♦ Associate Professor of Health Sciences in Radiology and Physical Medicine at the Complutense University of Madrid (UCM)

- ♦ Professor of the XXVI Advanced Medical Oncology Program of the Spanish Society of Medical Oncology (SEOM)
- ♦ Doctor of Medicine from the Complutense University Madrid (UCM)
- ♦ Co-author of several journal articles and book chapters related to diagnostic tests and associated with the Neurological Area

Dr. Adolfo Gómez Grande

- ♦ FEA of the Nuclear Care Service at the 12 de Octubre University Hospital
- ♦ Researcher at the Carlos III National Center for Cardiovascular Research
- ♦ Associate Professor of Health from Sciences at in Rehabilitation and Physiotherapy at the University Complutense of Madrid (UCM)
- ♦ Co-author of the article Diabetes mellitus secondary to IgG4-related disease published in the Scientific Journal Endocrinology, Diabetes and Nutrition

Dr. Luis Jiménez Roldán

- ♦ Head of Patient quality Safety, Digestive System Surgery Department, 12 de Octubre University Hospital
- ♦ FEA of Neurosurgery Department, 12 de Octubre University Hospital
- ♦ Collaborator clinical practice teaching Associate Teacher of Upper Urinary at the Complutense University of Madrid
- ♦ Doctorate in Medicine from the UCM

- ♦ Participant in multiple clinical trials and research projects at the 12 de Octubre University Hospital
- ♦ Member of the Spanish Society of Neurosurgery in the groups of Neurooncology, Spine and Functional Neurosurgery

Dr. Vanesa Osejo Altamirano

- ♦ Clinical Neurophysiologist of Intraoperative Monitoring at the 12 de Octubre University Hospital
- ♦ Neurophysiologist at the Varela de Seijas Clinic of Neurological Studies
- ♦ Doctor of Medicine, Autonomous University of Honduras
- ♦ Medical Specialist in Clinical Neurophysiology at the La Princesa University Hospital
- ♦ Member and collaborator in the Spanish Sleep Society (SES)

Dr. Lorena Iglesias

- ♦ Director of the Electromyography and Evoked Potentials Unit at the Varela de Seijas Center for Neurological Studies
- ♦ FEA of Clinical Neurophysiology at the La Luz Hospital
- ♦ Assistant Physician of the Neurophysiology Department at the 12 de Octubre University Hospital
- ♦ Assistant Clinical Neurophysiology Physician in the Neuromuscular Unit at the San Carlos Clinical Hospital
- ♦ Award for the best oral communication in the category of Sleep at the 44th Annual Meeting of the Spanish Society of Clinical Neurophysiology (SENEC)

Dr. Ángel Pérez Núñez

- ♦ Section Chief of the Neurosurgery Department at the 12 de Octubre University Hospital
- ♦ Neuro-oncology Specialist at UCSF Brain Tumor Centre. San Francisco
- ♦ Researcher in the Neuro-Oncology and Neurotraumatology group at the Hospital 12 de Octubre I+12 Research Institute
- ♦ Associate Professor of Health Sciences at Complutense University of Madrid
- ♦ PhD in Medicine from the Complutense University of Madrid
- ♦ Founder of the Multidisciplinary Neuro-Oncology Unit at the 12 de Octubre University Hospital
- ♦ Founder of the Neuro-Oncology Research Group at the 12 de Octubre University Hospital
- ♦ Member of the Tumours Group of the Spanish Society of Neurosurgery (SENEC)

Dr. Beatriz Pascual Martín

- ♦ Neurosurgery Service
- ♦ 12 de Octubre University Hospital of Madrid

Dr. Pedro González León

- ♦ FEA of Neurosurgery Department, 12 de Octubre University Hospital
- ♦ Disseminator in the Area of Functional Neurosurgery at the 12 de Octubre University Hospital
- ♦ Degree in Medicine from the University of Alcalá
- ♦ President of the Association of Specialist Doctors of Madrid (AFEM)
- ♦ Contributor and columnist in several journalistic media

Dr. Blanca Navarro Main

- ♦ Neuropsychologist at the 12 de Octubre University Hospital. Madrid

- ♦ Specialist in Speech Therapy Intervention and Language Disorders
- ♦ Collaborating professor of the Master's Degree in Neuropsychology at the Universitat Oberta de Catalunya (UOC)
- ♦ Dr. from the Department of Basic Psychology II, National University of Distance Education (UNED)
- ♦ Expert in Clinical Neuropsychology

Dr. Diego Dualde Beltrán

- ♦ Neurology Specialist at the Valencia Clinical University Hospital
- ♦ Associate Professor of Radiology and Physical Medicine at the University of Valencia
- ♦ Doctor in Medicine from the University of Valencia
- ♦ Author of the book "Comparative study of the structural and functional organization of the pineal gland in sheep"
- ♦ Co-author of several research articles related to the Neurological Area

Dr. Marian Gómez Aparicio

- ♦ FEA of the Radiation Oncology Service at Ciudad Real General University Hospital
- ♦ Degree in Medicine
- ♦ Specialist in Oncology with mention in the Radiation Oncology Area
- ♦ Speaker of the Spanish Group of Genitourinary Tumors
- ♦ Speaker at the III SBRT Stereotactic and Extracranial Radiation Therapy Program

Dr. Idoya Zazpe

- ♦ Head of Neurosurgery Service at the Navarra Hospital Complex

- ♦ Tutor of MIR residents at the University of Navarra
- ♦ Editor of the Spanish Journal of Neurosurgery
- ♦ PhD in Medicine from the University of Navarra
- ♦ Master's Degree in Health Management
- ♦ Fellowship of the North American Skull Base Society
- ♦ Member of the European Association of Neurosurgical Societies (EANS), Spanish Society of Neurosurgery (SENEC), Spanish Society of Neurosurgery (SENEC)

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- ♦ Assistant Physician of the Neurosurgery Service at the Navarra Hospital Complex
- ♦ Neurosurgery Specialist at Hospital Viamed los Manzanos
- ♦ Speaker at the National Congress of the Spanish Society of Surgery
- ♦ Co-author of several chapters of Intraoperative Neurophysiology

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- ♦ Area Specialist at the University Hospital Getafe
- ♦ University Diploma in Health Technology Assessment from the Pompeu Fabra University
- ♦ Master's Degree in Pharmaceutical Sciences, Complutense University of Madrid (UCM)

Dr. Vanesa Pérez

- ♦ Pediatric Hemato-Oncologist at 12 de Octubre University Hospital
- ♦ Doctor of Medicine from the Complutense University of Madrid
- ♦ Speaker at the Spanish Cancer Patients Group Congress (GEPAC)
- ♦ Member of Asociación Infantil Oncológica de Madrid (ASION), Grupo Español de Pacientes con Cáncer (GEPAC)

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- ♦ Area Specialist in the Neurosurgery Department at the 12 de Octubre University Hospital. Madrid
- ♦ Neurosurgeon at the Hospital Virgen de la Salud. Toledo
- ♦ Professor of Neurology and Neurosurgery at the CTO academy
- ♦ Associate Professor, Department of Surgery, Faculty of Medicine, Complutense University of Madrid
- ♦ Doctor of Medicine
- ♦ Fellow of the European Board of Neurological Surgery
- ♦ Master's Degree in Sleep: Degree in Medicine from the Faculty of Biology in the University of Murcia
- ♦ Pedro Mata Award 2015, 2017, 2018 and 2019 by the Society of Neurosurgery of the Autonomous Community of Madrid (SONCAM)

Dr. Juan Manuel Sepulveda Sánchez

- ♦ Coordinator and Head of the Multidisciplinary Neuro-oncology Unit at the 12 de Octubre University Hospital
- ♦ Chief of the Multidisciplinary Neuro-Oncology Unit at MD Anderson Cancer Center
- ♦ Director of the Neuro-oncology Program of the Neurology Service at the Ruber Internacional Hospital
- ♦ Specialist in Medical Oncology at the 12 de Octubre University Hospital
- ♦ Assistant Neurologist at Getafe University Hospital
- ♦ Assistant Neurologist at Nuestra Señora del Rosario Sanatorium
- ♦ PhD in Medicine from the Complutense University of Madrid

- ♦ Master's Degree in Molecular Oncology from the Centro Nacional de Investigaciones Oncológicas and the European School of Oncology
- ♦ President of the Spanish Neuro-oncology Research Group (GEINO)

Dr. Pablo Martín Munarriz

- ♦ Assistant Physician in the Pediatric Neurosurgery Service at the 12 de Octubre University Hospital
- ♦ Pediatric Neurosurgery Specialist at CSUR
- ♦ Several practical stays abroad: Johns Hopkins Hospital (Baltimore, USA). UMPC Hospital (University of Pittsburgh Medical Center, Pittsburgh, USA INI Hospital (International Neuroscience Institute, Hannover, Germany) and in Sao Paulo, Brazil
- ♦ Clinical Fellowship in Pediatric Neurosurgery with surgical practice and care at SickKids Hospital (The Hospital for Sick Children, Toronto, Canada)
- ♦ Doctor of Surgery, Complutense University of Madrid (UCM)
- ♦ Member of the Neurotraumatology and Subarachnoid Hemorrhage Research Group of the Neurosciences Area of the I+12 Research Institute, Spanish Society of Neurosurgery (SENEC), Spanish Society of Pediatric Neurosurgery (SENEPE), European Neurosurgery Society (EANS) and the International Society of Pediatric Neurosurgery (ISPN)

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- ♦ Head of the Neurology Department at the University Hospital Rey Juan Carlos, Madrid
- ♦ Director of Health Sustainability at Rey Juan Carlos University Hospital
- ♦ Neurologist in the University Hospital Fundación Alcorcón
- ♦ Neurology Specialist at the Fundación Jiménez Díaz University Hospital
- ♦ Coordinator of Red Neurosalud
- ♦ Associate Professor of Neurology linked to Rey Juan Carlos University

- ♦ Doctor of Medicine and Surgery, from the Complutense University of Madrid
- ♦ Master's Degree in Health Management from the Distance Learning University of Madrid
- ♦ Master's Degree in Healthcare Management "Being a Leader" by Quirónsalud
- ♦ Master's Degree in Clinical Management, Medical and Health Care Management

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- ♦ Attending Physician in Medical Oncology at the University Hospital Infanta Elena
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- ♦ Specialist in Oncology at the Albacete University Hospital Complex
- ♦ Professor of the Master's Degree in Neurological Oncology at CEU Cardenal Herrera University
- ♦ Dr. in Medical and Surgical Sciences from the Complutense University of Madrid (UCM)
- ♦ Master's Degree in Medical Oncology by the Spanish Society of Medical Oncology (SEOM)
- ♦ Master's Degree Online in Palliative Care by the University of Valladolid

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- ♦ Area Specialist in the Neurology Service at the University Hospital of Bellvitge
- ♦ Researcher in the Neuro-oncology Group at the Bellvitge Institute for Biomedical Research IDIBELL
- ♦ Doctorate in Medicine from the University of Barcelona
- ♦ Member of Cognition and Brain Plasticity Unit, Spanish Society of Neurology (SEN)

Dr. Pilar Guerra García

- ♦ FEA of Pediatric Hematooncology at 12 de Octubre University Hospital
- ♦ Member of the Translational Research Group in Childhood Cancer, Hematopoietic Transplantation and Cell Therapy at the Research Institute of the University Hospital La Paz

- ♦ Co-author of more than two dozen research articles indexed in international journals and cited in databases such as PubMed
- ♦ Speaker at the X National Congress of the Spanish Society of Pediatric Hematology and Oncology (SEHOP)

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- ♦ Assistant Physician of the Medical Oncology Service at Cruces University Hospital
- ♦ Specialist Physician and Researcher at the Biocruces Bizkaia Institute
- ♦ Lecturer in the Master's Degree in Basic Oncology at the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)
- ♦ Speaker of the Medical Oncology Association at the Cruces Hospital with the topic Standard Chemotherapy in Ovarian Cancer
- ♦ Member of the Spanish Neuro-oncology Research Group (GEINO)

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- ♦ Area Specialist in the Medical Oncology Service at the Virgen de los Lirios Hospital
- ♦ Medical Oncologist at the Lilly Clinic
- ♦ Assistant Doctor in Medical Oncology from the Elche University General Hospital
- ♦ Assistant Doctor in Medical Oncology from the Vega Baja. Hospital Orihuela, Spain
- ♦ Master's Degree in Clinical and Medical Care Management
- ♦ Master's Degree in Immuno-Oncology
- ♦ Expert in Medical Management and Health Services Management
- ♦ Expert in Molecular Biology of Lung Cancer
- ♦ Member of the Spanish Oncology Society

Dr. Jordi Bruna Escuer

- ♦ Coordinator of the Retinal Dystrophies Unit at the University Hospital of Bellvitge
- ♦ Tumour Angiogenesis Researcher at the Bellvitge Biomedical Research Institute (IDIBELL)
- ♦ Physician Neurology Service at Duran i Reynals Hospital
- ♦ Member of the Neuroplasticity and Regeneration Research Group of the Autonomous University of Barcelona
- ♦ Degree in Medicine from the Autonomous University of Barcelona(UAB)

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- ♦ Medical Director Internal Medicine Department, Infanta Cristina University Hospital
- ♦ Specialist in Internal Medicine
- ♦ Degree in Medicine and Surgery

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- ♦ Professor of the Master's Degree in Basic and Clinical Oncology at the Polytechnic University of Valencia (UPV)
- ♦ Researcher at Biocruces Bizkaia Institute
- ♦ PhD in Health Sciences from the University of the Basque Country/Euskal Herriko Unibertsitatea (UPV/EHU)

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- ♦ Tutor of Specialists in Training in the Specialty of Hematology and Hemotherapy at the Complutense University of Madrid
- ♦ Degree in Medicine and Surgery from the Universidad Autónoma of Madrid (UAM)
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- ♦ Member of the Spanish Society of Hematology and Hemotherapy. (SEHH)

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- ♦ Oncologist at the San Carlos Clinical Hospital
- ♦ Oncologist at the General University Hospital of Valencia
- ♦ Fellow of the Spanish Group of Head and Neck Tumors for rotation at the Institut Gustave Roussy. Villejuif, Francia
- ♦ Degree in Medicine and Surgery from the University of Valladolid, specializing in Medical Oncology
- ♦ Miembro de la Sociedad Española de Oncología Médica (SEOM)

Dr. Ana MaríaCastaño-León

- ♦ Attending Physician, Intensive Care Medicine Department, 12 de Octubre University Hospital
- ♦ Stay in the Neurosurgery Service at the University of California. San Francisco

- ♦ Dr. in Medical and Surgical Sciences from the Complutense University of Madrid (UCM)
- ♦ Degree in Medicine and Surgery from the Universidad Autónoma of Madrid (UAM)
- ♦ Specialist in Neurosurgery at the 12 de Octubre University Hospital
- ♦ Member of the Neurotraumatology and HSA Group of the imas12 Institute

Dr. José Antonio Fernández Alén

- ♦ Head of the Neurosurgery Service at the La Fe University Hospital
- ♦ Neurosurgeon at the 12 de Octubre University Hospital
- ♦ Associate Professor of the Nursing Department, Autonomous University of Madrid
- ♦ Residence Tutor at the Complutense University of Madrid
- ♦ PhD in Medicine from the Complutense University of Madrid
- ♦ Master's Degree in Innovation and Management in Healthcare Systems from IE Business School
- ♦ Member of the of Copywriting committee of the Neurosurgery s Journal

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- ♦ Specialist in Pediatric Hematooncology at the 12 de Octubre University Hospital
- ♦ Doctor of Medicine from the Complutense University Madrid (UCM)
- ♦ Degree in Medicine from the Complutense University of Madrid
- ♦ Specialty in Pediatrics with special attention to the Oncology Area
- ♦ Co-author of 9 journal articles for the Spanish Association of Pediatrics (AEP)

Dr. Ana Camacho Salas

- ♦ Radiodiagnostic specialist in the Child Neurology section of the 12 de Octubre University Hospital

- ♦ Teaching collaborator of the Faculty of Medicine at the Complutense University of Madrid
- ♦ PhD in Medicine and Surgery from the Complutense University of Madrid
- ♦ Specialist in Pediatric Neurology by the Spanish Society of Pediatric Neurology (SENEP)
- ♦ Member of the Board of Directors of the Spanish Society of Pediatric Neurology (SENEP)

Dr. Raquel Andrés Conejero

- ♦ Facultative Area Specialist in General Surgery
- ♦ Area Specialist in the Medical Oncology Service at Lozano Blesa Clinical University Hospital
- ♦ Associate Professor at University of Zaragoza
- ♦ Degree in Medicine and Surgery
- ♦ Specialist in Clinical Oncology

Dr. Ana Simarro

- ♦ FEA of the Neurology Department of the 12 de Octubre University Hospital
- ♦ Collaborator in the Conference on Basic Neurology and updating of knowledge at the COM Jaén

Dr. Patricia Iranzo Gómez

- ♦ Medical Director of the San Carlos Hospital of the HLA Hospital Group
- ♦ FEA in the Neurology Department of the 12 de Octubre University Hospital Medical Director of the San Carlos Hospital of the HLA Hospital Group
- ♦ FEA of the Neurology Service at the 12 de Octubre University Hospital

- ♦ Degree in Medicine and Surgery
- ♦ Specialist in Clinical Neurology Clínic
- ♦ Co of several scientific articles

Dr. Alexia Fernández Ruiz

- ♦ FEA of Medical Oncology Service at Lozano Blesa Clinical University Hospital
- ♦ Medical Oncology FEA, Donostia Hospital
- ♦ Doctor of Medicine, University of Zaragoza
- ♦ Author and co-author of journal articles and contributor to collective works related to cancer and its comorbidities

Dr. Teresa Quintanar Verdúñez

- ♦ Facultative Area Specialist in General Surgery
- ♦ Area Specialist in the Medical Oncology Service at of the Elche General University Hospital
- ♦ Area Specialist in the Medical Oncology Service at the Virgen de los Lirios Hospital
- ♦ Specialist in Oncology in the Clinical and Translational Research Unit at the General University Hospital of Elche
- ♦ Resident doctor tutor at the General University Hospital of Elche
- ♦ Professor of the Master's Degree in Clinical and Surgical Research at the University Miguel Hernández
- ♦ Coordinator of the Scientific Committee for the +MIR Evaluation Platform
- ♦ Miembro de la Sociedad Española de Oncología Médica (SEOM)
- ♦ Speaker and member of the Spanish Breast Cancer Research Group Foundation (GEICAM) Breast Cancer Research Group Foundation (GEICAM)

Dr. Elisa Quilez Bielsa

- ♦ Facultative Area Specialist in General Surgery

- ♦ Area Specialist in the Medical Oncology Service at Lozano Blesa University Hospital
- ♦ Master's Degree in Initiation to Research in Medicine
- ♦ First Rising Star Award by the Spanish Society of Medical oncology (SEOM)
- ♦ Members of the Cancer and Thrombosis Section, Spanish Society of Medical Oncology (SEOM)

Dr. Irene Panero Perez

- ♦ Specialist in Neurosurgery at the 12 de Octubre University Hospital
- ♦ Collaborates in the research activity of the Neurotraumatology group at the Hospital 12 de Octubre Research Institute (I+12)
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ Specialist in Neurosurgery at the 12 de Octubre University Hospital
- ♦ Master's Degree in Clinical Problem Solving from the University of Alcalá de Henares, Spain
- ♦ Master's Degree in Esthetics Medicine from the CEU Cardenal Herrera University
- ♦ International training as an observer in the Neurosurgery Department at Addenbrooke's Hospital

Dr. Carla Eiriz Fernández

- ♦ Neurosurgeon at the Hospital Ribera Povisa
- ♦ Specialist in Neurosurgery at the University Hospital 12 de Octubre
- ♦ Master's Degree in Neurosciences for Medical from CEU Cardenal Herrera University
- ♦ Tumor Clinical Observer at the University of California, California, USA

- ♦ Expert in English for Medicine from CEU Cardenal Herrera University
- ♦ Editor of scientific articles for the official organ of the Spanish Society of Neurosurgery

Dr. Iván Márquez Rodas

- ♦ Coordinator of the Heredofamilial Cancer Unit at the Hospital General Universitario Gregorio Marañón
- ♦ FEA of the Medical Oncology Service at the Hospital General Universitario Gregorio Marañón
- ♦ Researcher at the Fundación Investigación Biomédica at the Hospital General Universitario Gregorio Marañón
- ♦ Doctor in Medicine from the Autonomous University Madrid
- ♦ Master's Degree in Healthcare Management by UNIR
- ♦ Expert in Clinical Genetics from the UAH
- ♦ SEOM Accreditation of Excellence for Genetic Counseling in Hereditary Cancer

Dr. Jesús Gonzalez de la Aleja

- ♦ Assistant Physician of the Neurology Department at the 12 de Octubre University Hospital
- ♦ Researcher at the I+12 Research Institute of the 12 de Octubre University Hospital
- ♦ Specialist in Clinical Neurology Clínic
- ♦ Author and co-author of more than a dozen scientific articles and collective works

Dr. Pablo Rábano Suarez

- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital

- ♦ Specialist Area Physician at the University Hospital HM Montepríncipe
- ♦ Coordinator of the New Technologies Committee of the Spanish Society of Neurology and TecnoSEN
- ♦ Member of the Winning Team of the Neurochallenge of the LXXIII Annual Meeting of the Spanish Society of Neurology
- ♦ Member of the Madrid Association of Neurology (AMN)
- ♦ First prize in the II Clinical Case Competition of the Madrid Association of Neurology (AMN)

Dr. María Ángeles Ortega Casarrubios

- ♦ Specialist in Neurology at the 12 de Octubre University Hospital
- ♦ President of the Ethics Committee for Health Care at 12 de Octubre University Hospital
- ♦ Specialist in the Neurology at the Infanta Sofía University Hospital
- ♦ Specialist in the area of Neurology at La Paz University
- ♦ Doctorate in Medicine from the Autonomous University Madrid
- ♦ Master's Degree in Bioethics from Universidad Pontificia Comillas ICAI-ICADE
- ♦ Training program for trainers in Bioethics by the University Foundation of Health Sciences

Dr. Sara Moreno García

- ♦ Neurology Specialty Center Neurologist
- ♦ Neurologist at the Neurology Specialty Center of the 12 de Octubre University Hospital
- ♦ Coordinator of the Demyelinating Diseases Unit of the Neurology Department at the 12 de Octubre University Hospital
- ♦ Neurologist in the inpatient ward, in consultation of demyelinating diseases and in the emergency room at the 12 de Octubre University Hospital
- ♦ Neurology Tutor and teacher of Resident Doctor, 12 de Octubre University Hospital, Madrid
- ♦ Master's Degree Online in Neuro-immunology from the Autonomous University Madrid

- ♦ Master's Degree in Clinical Neurology by Editorial Médica Panamericana
- ♦ Multiple Sclerosis Expert
- ♦ Expert in the Differential Diagnosis of Demyelinating Diseases

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- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital. Madrid
- ♦ Researcher at the Center for Molecular Biology Severo Ochoa
- ♦ Investigator in the German Center for Neurodegenerative Diseases
- ♦ Degree in Medicine from the Universidad Autónoma de Madrid (UAM)
- ♦ Degree in Physics from the National University of Distance Education (UNED)
- ♦ Specialization in Neurology
- ♦ Program for Residents in Neurodegenerative Dementias of the Spanish Society of Neurology (SEN)
- ♦ Training Program in Sleep Disorders for Neurology Residents and Attendings of the Spanish Society of Neurology (SEN)
- ♦ National End of Degree Award from the Ministry of Science, Innovation and Universities

Dr. Loreto Ballesteros Plaza

- ♦ FEA of the Neurology Section at the HU Infanta Cristina
- ♦ Facultative Area Specialist of the Neurology Section at the University Hospital Infanta Cristina
- ♦ Editor of Neurology content portal Neurwikia

- ♦ Degree in Medicine and Surgery
- ♦ Specialty in Neurology
- ♦ Co-author of several scientific articles published in Neurology journals
- ♦ Collaborator in the IX Conference on Preventive Medicine and Public Health

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- ♦ Physician of the Neurology Department at the 12 de Octubre University Hospital
- ♦ Researcher of the Rare, Mitochondrial and Neuromuscular Diseases research group of the Instituto de Investigación Sanitaria (i+12)
- ♦ Doctor of Medicine from the Complutense University of Madrid
- ♦ Alberto Rábano 2020 Award for his doctoral thesis

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- ♦ FEA of the Neurology Service at the 12 de Octubre University Hospital
- ♦ PhD in Biomedical Sciences from the Complutense University of Madrid (UCM)
- ♦ Postgraduate Studies in Advanced Neuroimaging Techniques and their Applications by the UMA
- ♦ Research Fellow of the Spanish Research Institute Carlos III
- ♦ Clinical Research Fellow in Multiple Sclerosis at the Carlos III Institute

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- ♦ FEA of the Demyelinating Diseases Unit at the Virgen de la Salud Hospital
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- ♦ FEA of the Neurology Service at the 12 de Octubre University Hospital
- ♦ Doctor of Medicine from the Complutense University Madrid (UCM)
- ♦ Speaker for the Federación de Asociaciones de Esclerosis Múltiple de Madrid in several medical congresses
- ♦ Member and collaborating speaker of the Spanish Society of Neurology (SEN)

Dr. Luísa Panadés de Oliveira

- ♦ Neurologist and Epileptologist at the Hospital del Mar
- ♦ Clinical Neurologist of the Epilepsy and Muscular Disorders Area at the San Carlos Clinical Hospital
- ♦ Professor of Neurology and Neurosurgery in AMIR
- ♦ M.D., 12 de Octubre University Hospital
- ♦ Postgraduate degree in Genomics and Precision Medicine from the International University of La Rioja (UNIR)
- ♦ Master's Degree in Neuroimmunology from the Universidad Autónoma de Barcelona (UAB)
- ♦ International rotations at the Federal University of Minas Gerais and at the Ruprecht-Karls-Universität Heidelberg

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- ♦ Specialist in Neurology at the Functional Recovery Unit of the Hospital Virgen de la Poveda
- ♦ Medical Specialist in Neurology at the University Hospital Rey Juan Carlos
- ♦ Researcher in the analysis of the effect of afferent mechanical stimulation on tremor in patients with this specific condition

- ♦ Dr. candidate in Research in Medical and Surgical Sciences at the Complutense University of Madrid (UCM)
- ♦ Degree in Medicine from the Complutense University of Madrid (UCM)
- ♦ Specialty in Neurology at the 12 de Octubre University Hospital

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- ♦ Assistant Physician of the Neurology Department at the 12 de Octubre University Hospital
- ♦ Support Neurologist in the Motor Neuron Diseases Unit at the Institute of Motor Neuron Diseases
- ♦ Degree in Medicine and Surgery
- ♦ Specialist in Clinical Neurology Clínic
- ♦ Author of the poster Hemichorea as a debut of non-ketotic diabetes at the LXIII Annual Meeting of the Spanish Society of Neurology

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- ♦ Assistant Physician of the Neurology Department at the 12 de Octubre University Hospital
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- ♦ Director of the Economic Area of the Spanish Society of Neurology
- ♦ Coordinadora del Grupo de Estudio de Gestión Clínica y Calidad Asistencial en Neurología de la Sociedad Española de Neurología (SEN)
- ♦ Co-author of more than thirty scientific articles

Dr. Hugo Martín García

- ♦ FEA in the Neurology Section at the Infanta Cristina University Hospital
- ♦ Editor at the Neurology digital content portal Neurowikia

- ♦ Author of the poster Análisis de la Diplopía en la consulta de Neurología for the LXXII Reunión Anual de la Sociedad Española de Neurología (SEN)
- ♦ Co-author of several research articles related to Cognitive Disorders and the analysis of their derivations

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- ♦ Researcher in the Neurodegenerative Diseases Area in the I+12 Group at the 12 de Octubre University Hospital
- ♦ Degree in Medicine from the Autonomous University Madrid
- ♦ Specialist in Neurology Associated with Sleep at the 12 de Octubre University Hospital
- ♦ Member of the Sleep Institute and the Spanish Society of Neurology (SEN)

Dr. Ana Isabel Puente Muñoz

- ♦ Associate Chief of the Neurophysiology Service at the Clínica del Hospital La Luz
- ♦ Head of the Clinical Neurophysiology Unit at the University Hospital Central de la Cruz Roja San José y Santa Adela
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- ♦ Coordinator of the Sleep Unit at Sanitas La Moraleja University Hospital
- ♦ Resident Intern in Neurophysiology at the Clinic of the San Carlos Clinical Hospital
- ♦ Author and Co-author of scientific articles and books related to her specialty
- ♦ Speaker at numerous Clinical Neurophysiology conferences

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- ♦ Specialist in Neurology
- ♦ Research Project Manager of the Foundation for Biomedical Research at the San Carlos Clinical Hospital
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- ♦ Collaborator in Practical Teaching in the Department of Medicine of the Complutense University of Madrid (UCM)
- ♦ Degree in Medicine and Surgery from the Universidad Autonoma of Madrid (UAM)
- ♦ Doctorate courses in Neurosciences at the UCM School of Medicine
- ♦ Specialty in Neurology via MIR at San Carlos Clinical Hospital, Madrid
- ♦ Specific Training Program in Epilepsy of the Spanish Society of Neurology, carried out at the Epilepsy Unit of the Hospital Clinic of Barcelona
- ♦ Member of the Spanish Neurology Society, Spanish Epilepsy Society, Madrid Neurology Association, the Research Committee at the Infanta Cristina University Hospital and the Innovation Commission for the Health Research Institute of the Puerta de Hierro Majadahonda University Hospital

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- ♦ Director of the research project on biomarkers in Amyotrophic Lateral Sclerosis
- ♦ Researcher in Neuromuscular Diseases at the University Hospital Valle de Hebron and the Vall d'Hebron Research Institute
- ♦ Rotation in the Movement Disorders Unit at Columbia University Medical Center. New York
- ♦ Diploma in Statistics in Health Sciences, as part of the continuing education program of the Autonomous University of Barcelona

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- ♦ Assistant Physician of the Neurology Department at the SERMAS Hospital
- ♦ Specialized Expert in the field of Neurological Pathologies and issuance of medical-legal reports
- ♦ Assistant Physician of Neurology in INSALUD and SERMAS
- ♦ Associate Professor of Health Sciences at the Complutense University of Madrid
- ♦ PhD in Medicine from the Complutense University of Madrid
- ♦ Degree in Medicine and Surgery from the University of Alcalá de Henares
- ♦ Specialist in Clinical Neurology Clínic
- ♦ Expert in Medical Expertise in the Field of Neurology

Dr. María Paz Guerrero Molina

- ♦ Neurology Service, 12 de Octubre University Hospital, Madrid

Dr. Marta González Sánchez

- ♦ FEA of the Neurology Service at the 12 de Octubre University Hospital
- ♦ Medical Specialist in Neurology at Carpetana Medical Center
- ♦ Specialist in Cognitive Neurology and Dementias at the UCSF Memory and Aging Center
- ♦ Researcher at the Health Research Institute in the Hospital 12 de Octubre - Neurodegenerative Diseases Area
- ♦ Dr. in Medical and Surgical Sciences from the Complutense University of Madrid (UCM)
- ♦ Member of the Madrid Association of Neurology (AMN)

Dr. David Uriarte

- ♦ Assistant Physician of the Jaén Hospital Complex
- ♦ Neurology Service, from 12 de Octubre University Hospital, Madrid. Madrid
- ♦ Lecturer in the III Program of Neurology in Images and Videos
- ♦ Ponente en COLMED en las jornadas de Neurología Básica
- ♦ Member of the Spanish Society of Neurology (SEN) and the Illustrious Official College of Physicians of Jaén

Dr. Moisés León Ruiz

- ♦ MIR at the La Paz University Hospital of Madrid
- ♦ MIR in Intensive Care Medicine at La Paz the only one Hospital
- ♦ FEA of Neurology Service at the Sureste University Hospital
- ♦ FEA of Neurology at Hospital Quirónsalud de San José
- ♦ FEA of Neurorehabilitation at San Vicente Clinic
- ♦ Member and disseminator of the Spanish Society of Neurology (SEN)

- ♦ Main author of numerous scientific articles for the journal Neurología Publicación Oficial de la Sociedad Española de Neurología, as well as for other prestigious international journals (New England Journal of Medicine, Journal of Neurology, Journal of Clinical Neurology, Tremor and Other Hyperkinetic Movements, Acta Neurologica Belgica, etc.)

Dr. Nicolás Garzo Caldas

- ♦ FEA of Neurology at the Hospital Can Misses
- ♦ Neurologist at Our Lady of the Rosary University Hospital
- ♦ Neurological at the 12 de Octubre University Hospital
- ♦ Clinical Observer at the NHS Hospital Foundation Trust
- ♦ Doctor of Medicine, University of Santiago de Compostela.(USC)
- ♦ Master's Degree in Neuroimmunology from the Universidad Autónoma de Barcelona (UAB)

Dr. Ángela Domingo Santos

- ♦ Assistant Physician of the Neurology Department at the 12 de Octubre University Hospital
- ♦ Lecturer and speaker in programs of the Neurology Area at the Hospital General La Mancha Centro
- ♦ Bachelor's Doctor in Medicine from Carlos III University of Madrid
- ♦ Author of several and research articles
- ♦ Contributor and researcher in the book Neurology and Neurosurgery

Dr. Eva Yebra Fernández

- ♦ Facultative Area Specialist in Diagnosis General Surgery
- ♦ Specialist Area Practitioner in the Diagnostic Hematology Oncology Service at the Hammersmith Hospital. London
- ♦ Specialist in Hematology and Hemotherapy at the Virgen de la Salud Hospital
- ♦ Specialist in Hematology and Hemotherapy at Severo Ochoa University Hospital

- ♦ Specialist Physician at Imperial College Healthcare NHS Trust
- ♦ Speaker at the LXIII National Congress of the Spanish Society of Hematology and Hemotherapy as a member of the oral communication group for the topic liquid biopsy molecularly characterizes B lymphomas at diagnosis allowing its use in subsequent monitoring

Dr. Sara Llamas Velasco

- ♦ FEA of the Neurology Service at the 12 de Octubre University Hospital
- ♦ Researcher at the Center for Biomedical Research Network in Neurodegenerative Diseases (CIBERNED)
- ♦ PhD in Biomedical Sciences from the Madrid Complutense University.(UCM)
- ♦ Co-author of more than 40 scientific articles related to the Neurological Area
- ♦ Principal collaborator in 2 research projects Alzheimer, prevention from childhood and NEDICES (Neurological Disorders in Central Spain)

Dr. Rosa Ana Saiz Díaz

- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Teaching coordinator on the Neurodidacta platform in programs related to Epilepsy
- ♦ Specialist in Neurology and Neurophysiology
- ♦ Member of the Spanish Society of Neurology (SEN) and the Madrid Association of Neurology (AMN)

Dr. Alberto Arcediano del Amo

- ♦ Facultative Area Specialist in General Surgery
- ♦ Area Specialist in the Medical Oncology Service at the Postgraduate Certificate Guadalajara Hospital
- ♦ Member of the team promoting the Cardio-Onco-Hematology Unit at the University Hospital of Guadalajara
- ♦ Member and research in the Spanish Society of Medical Oncology(SEOM)
- ♦ Member of the Scientific Committee of the XI National Meeting on Advances in Prostate Cancer, Renal Cancer and Bladder Cancer
- ♦ Co-author of the book "Clinical Archives of Breast Cancer." Volume V

Dr. Alberto Villarejo Galende

- ♦ Chief of the Neurology Section at the 12 de Octubre University Hospital
- ♦ Assistant Physician of the Neurology Unit of Clínica La Luz
- ♦ Associate Professor of the Department of Medicine at the Complutense University of Madrid
- ♦ Neurology Resident Tutor
- ♦ PhD in Medicine from the Complutense University of Madrid
- ♦ Diploma in Statistics in the Health Sciences

Dr. Verónica Puertas Martín

- ♦ Specialist in Child Neurology at the Niño Jesús University Hospital for Children and Adolescents
- ♦ Professor of the Master's Degree in Pediatric Palliative Care
- ♦ Dr. in Clinical Research in Pediatrics from the University of Valladolid

- ♦ Degree in Medicine from the University of Valladolid
- ♦ Specialist in Pediatrics and Specific Areas at the University Hospital Río Hortega Valladolid, Spain

Dr. Jaime Díaz Guzmán

- ♦ Coordinator of the Stroke Unit at University Hospital 12 de Octubre
- ♦ Associate Professor of La Health Sciences at the Complutense University of Madrid
- ♦ PhD in Medicine from the Complutense University of Madrid
- ♦ Specialist in Neurology at the 12 de Octubre University Hospital
- ♦ Author of more than a dozen scientific articles
- ♦ Co-author of the book One Hundred Scales in Neurology

Dr. Antonio Martínez Salio

- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Editor en el portal web de contenidos de Neurología NeuroWikia
- ♦ Doctor of Medicine from the Complutense University Madrid (UCM)
- ♦ Member of the Neurogeriatrics Study Group, Neuropathic Pain Study Group, Neurorecordings Scientific Team and the Spanish Society of Neurology (SEN)

Dr. Mariano Ruíz Ortíz

- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Assistant Physician of Neurology at the 12 de Octubre University Hospital
- ♦ Neurologist in the Quirónsalud Group at Hospital la Luz and Centro Médico Quirónsalud Valle del Henares

- ♦ AMIR Academy Professor in MIR Studies
- ♦ Master's Degree in Neuroimmunology from the Autonomous University of Barcelona
- ♦ Master's Degree in Clinical Medicine from the Camilo José Cela University

Dr. Mario Sánchez Tornero

- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Investigador en el Programa de Fomento de la I+D+i en el proyecto i+12 en el Hospital Universitario 12 de Octubre
- ♦ Speaker at the XLI Annual Meeting of the Spanish Society of Pediatric Neurology (SENEP) Pediatrics (SENEP)
- ♦ Member of the Spanish Society of Neurology (SEN) and the Madrid Association of Neurology (AMN)

Dr. Fernando Ostos

- ♦ Area Specialist in the Neurology Department
- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Professor of Pharmacology and Toxicology at the Complutense University of Madrid (UCM)
- ♦ Neurorecordings Magazine Contributor
- ♦ Co-author of several scientific articles related to the neurological area and cognitive health
- ♦ Member of the I+12 Research Group at the 12 de Octubre University Hospital and the Madrid Neurology Association (AMN)

Dr. Victor Blanco Palmero

- ♦ Neurologist of the Memory Unit of the Ruber Internacional Hospital
- ♦ Neurologist of the Cognitive Impairment and General Neurology Unit at the 12 de Octubre University Hospital

- ♦ Researcher at the i+12 Research Institute at the 12 de Octubre University Hospital in the Neurodegenerative Diseases Group
- ♦ Degree in Medicine and Surgery from the University of Valladolid
- ♦ Master's Degree in Research Methodology: Design and Statistics in Health Sciences by the Universitat Autònoma de Barcelona
- ♦ Expert in Digital Teaching for Medicine from the University of Cardenal Herrera CEU Cardenal Herrera

Dr. Antonio Méndez Guerrero

- ♦ Specialist in the Neurology Department at the 12 de Octubre University Hospital
- ♦ Medical Collaborator in the project Calligraphy to stop Parkinson's disease
- ♦ Member of the Madrid Association of Neurology (AMN)
- ♦ Speaker at the XII Annual Meeting of the AMNE on the topics Infundibulohypophysitis as a manifestation of systemic lymphoma and Stroke Mimic due to Listeria

Dr. Aintzane Sancho

- ♦ Facultative Area Specialist in General Surgery
- ♦ Area Specialist in the Medical Oncology Service at Cruces University Hospital
- ♦ Assistant Physician of Oncology in Osakidetza-Basque Health Service
- ♦ Assistant Physician in the Medical Oncology Association at Cruces University Hospital
- ♦ Professor of the Master's Degree in Basic and Clinical Oncology at the University of the Basque Country/Euskal Herriko Unibertsitatea
- ♦ Oncology internship tutor at Cruces University Hospital
- ♦ Co-author of more than 30 scientific articles

Dr. Miguel Yebra Yebra

- ♦ Specialist in Internal Medicine at the Ramón y Cajal University Hospital
- ♦ Internista en Quirónsalud. Madrid
- ♦ Internal Medicine Specialist at the University Hospital Rey Juan Carlos, Madrid, Spain
- ♦ Specialty of Internal Medicine at the 12 de Octubre University Hospital
- ♦ More than a dozen publications in scientific journals
- ♦ Co-author of more than a dozen books and chapters related to the Medical Area

Dr. Francisco Botella Romero

- ♦ Head of Endocrinology and Nutrition Service
- ♦ Head of the Endocrinology and Nutrition Service at the University Hospital Complex of Albacete and the of Albacete and Management of Integrated Attention
- ♦ Assistant Physician at the Puerta de Hierro Clinic
- ♦ Specialist in Endocrinology and Nutrition
- ♦ Coordinator of the Nutrition Area, Spanish Society of Endocrinology Nutrition

Dr. Manuel Mejías Estévez

- ♦ Coordinator of the Palliative Care Working Group of the Spanish Society of Primary Care Physicians
- ♦ Independent advisor to the Technical Committee of the National Health System Palliative Care Strategy
- ♦ Director of the Training and Research Department at the SantÁngela Institute specialising in Chronic Illness, Mental Illness, Advanced Illness and Palliative Care
- ♦ Family Doctor for different instances and centres in the Andalusian Health Service

- ♦ Master's Degree in Palliative Care from the University Pontificia Comillas
- ♦ Master's Degree in Care for Caregivers of Dependent Persons from the University of Seville
- ♦ Expert in Pain in Primary Care by the University of Cadiz

Dr. Cristina Vicente Martín

- ♦ Associate Chief in the Internal Medicine Service of the Palliative Care Unit
- ♦ Associate Chief of the Internal Medicine Department of the Palliative Care Unit at the Rey Juan Carlos University Hospital
- ♦ Specialist in Internal Medicine at the Hospital General Universitario Nuestra Señora del Prado, Madrid
- ♦ Specialist in Internal Medicine at the University Hospital Severo Ochoa with attention in the Acute Palliative Care Unit
- ♦ Specialist in Palliative Care at the San José Institute Foundation
- ♦ Specialist Areas in Palliative Care the Rey Juan Carlos University Hospital, Madrid
- ♦ Area Specialist in Internal Care Medicine at the Infanta Elena University Hospital
- ♦ Associate Professor at the Alfonso X el Sabio University
- ♦ Specialty in Internal Medicine at Severo Ochoa University Hospital
- ♦ Master's Degree in Palliative Medicine and Supportive Care of the Cancer Patient from the Autonomous University of Madrid
- ♦ Master's in Design and Statistics in Health Sciences from the Autonomous University of Barcelona

Dr. Luis Alejandro Weber Sánchez

- ♦ Director of Advanced Laparoscopic Surgery at Hospital Ángeles de las Lomas
- ♦ General Surgery Specialist at the General Hospital of Mexico Consultant Laparoscopic Surgery Specialist at the General Hospital of Mexico

- ♦ Consultant Specialist in Laparoscopic Surgery at the General Hospital of Mexico
- ♦ Dr. in Health Sciences from Universidad Anáhuac. Northern Mexico
- ♦ Diploma in Innovations from Universidad Anáhuac. Technology for the 21st Century Teacher
- ♦ Master's Degree in Bioethics from the Institute of Humanities of the Universidad Anahuac
- ♦ Master's Degree in Teacher Training, University Anáhuac
- ♦ Certificate Recovery Specialist by the Grief Recovery Institute
- ♦ Professor of the program of Basic Surgery Course in Accidents and/or Injuries in Endoscopic Surgery by Johnson & Johnson Medical Mexico
- ♦ Speaker of the Basic Course of Laparoscopic Surgery in Cholangiography and Biliary Tract Management at the Professional Support Center by Johnson & Johnson Medical
- ♦ Professor of the II Basic Course of Laparoscopy in Cholangiography and Biliary Tract Management at the Mexican Association of Laparoscopic Surgery by Johnson & Johnson Medical Mexico
- ♦ 1a. Ed. México, D. F.

Mr. José Ángel Olivas Varela

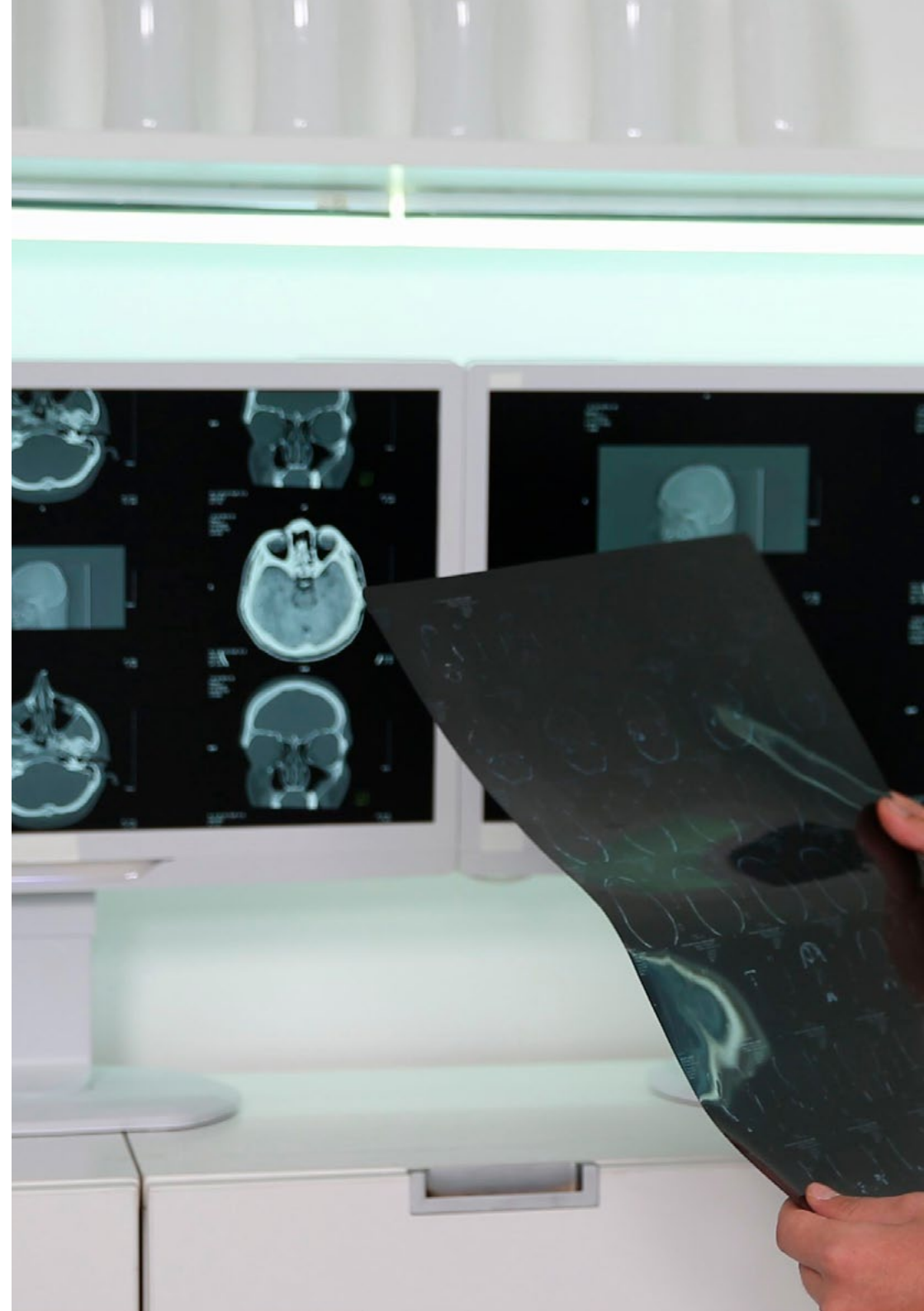
- ♦ Director of the Soft Management of Internet and Learning (SMILe) Research Group
- ♦ Research Collaborator at the Berkeley Initiative in Soft Computing (BISC) of the University of California
- ♦ Research Fellow at the Artificial Intelligence Center at SRI International, Stanford University
- ♦ Research Collaborator of the Aerospace Engineering and Services Group (INSA-NASA)
- ♦ Director of the IT Department of Project & Portfolio Management (PPM)
- ♦ Consultant in Intelligent Systems for companies such as Southco, Danone or ATT
- ♦ Member of the Spanish Association for Artificial Intelligence

Dr. Daniel García Pérez

- ♦ 12 de Octubre University Hospital of Madrid
- ♦ Neurosurgery Service, 12 de Octubre University Hospital, Madrid

Mr. Javier Perdices Ramirez

- ♦ Spanish Healthcare Senior Account Executive en Amazon Web Services
- ♦ CEO and Board Member at ChipCard Salud
- ♦ CIO at Redsys Health
- ♦ Senior Management Consultant in Minsait
- ♦ Director of E-Health at Ártica Telemedicine of CMC Group
- ♦ Managing Director and Founding Partner in Ártica Telemedicine of the CMC Group
- ♦ Researcher at ETSIT of the Bioengineering and Telemedicine Group
- ♦ Graduate in Telecommunications Engineering from the Polytechnic University of Madrid (UPM)
- ♦ Master's Degree in ICT Systems for Health by the Universitat Oberta de Catalunya (UOC)
- ♦ Diploma in Advanced Studies and Research Sufficiency from the Madrid Polytechnic University (UPM)





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The most distinguished professors in Neurological Oncology will be at your fingertips through this innovative program divided into two distinct learning phases”

06

Educational Plan

The program of studies of this Hybrid Professional Master's Degree consists of several academic modules in which the physician will be able to delve into the biology of brain tumors. Likewise, he will update his skills regarding the management of neuro-oncological patients through advanced Radiology and Neurosurgery techniques. In particular, he will delve into the use of precision tools such as Gamma Knife and Proton Therapy. It will also examine the latest pharmacological recommendations for the treatment of different types of cancer pathologies located in the Central Nervous System. In addition, the learning of these elements will be supported by innovative didactic methods such as Relearning.



“

Get up to date on the latest developments in Neurological Oncology on a 100% online and interactive learning platform"

Module 1. Brain Tumors Biology

- 1.1. Molecular Mechanisms of Cancer
- 1.2. Tumor Immunology: Basis of Cancer Immunotherapy
- 1.3. Reprogramming of the Tumor Microenvironment
- 1.4. Epidemiology of Adult Primary Brain Tumors
- 1.5. Neuropathology of Primary Tumors of the Central Nervous System
- 1.6. Neuropathology of Metastases and Complications of Systemic Tumors
- 1.7. Role of the Biobank in Clinical Research
- 1.8. GEINO-GETHI Registry: a Big Step Forward
- 1.9. Molecular Classification of Brain Tumors
- 1.10. What is the Future of Molecular Diagnostics for Brain Tumors?
- 1.11. Understanding the New Technology: Next Generation Sequence (NGS) in Clinical Practice
- 1.12. Immunotherapy and Biomarkers
- 1.13. Liquid Biopsies: Fashion or Future?

Module 2. Radiology in the Management of Brain Tumors

- 2.1. Magnetic Resonance Imaging
 - 2.1.1. Primary Tumors of the Central Nervous System
 - 2.1.2. Central Nervous System Metastases
- 2.2. New MRI techniques in Neuro-Oncology
 - 2.2.1. Spectrometry
 - 2.2.2. Tractography
 - 2.2.3. Diffusion Tensor
- 2.3. Magnetic Resonance Imaging as a Prognostic and Followup Tool in Treatment
- 2.4. PET-CT and PET-MRI in the Management of Gliomas
- 2.5. Computed Tomography (CT) in the Approach to Neuro-Oncologic Complications
- 2.6. Role of Nuclear Medicine in the Diagnosis of Neuro-Oncologic Complications

Module 3. Neurosurgery of Brain Tumors

- 3.1. General Surgical Strategy in the Treatment of Patients with Primary Brain Tumors
- 3.2. Neuromonitoring in Primary Brain Tumor Surgery
 - 3.2.1. Neurophysiological Basis
- 3.3. Neuromonitoring in Brainstem and Spinal Cord Tumor Surgery
- 3.4. New Technologies to Aid Surgical Treatment
 - 3.4.1. Neuronavigation
 - 3.4.2. Intraoperative Imaging
 - 3.4.3. Fluorescence
- 3.5. Awake Patient Surgery
 - 3.5.1. Indications
- 3.6. Awake Patient Surgery
 - 3.6.1. Anesthetic Considerations
- 3.7. Awake Patient Surgery
 - 3.7.1. Neuropsychological Evaluation and Preparation Protocols
- 3.8. Surgery in Special Locations
 - 3.8.1. Supplementary Motor Area
- 3.9. Surgery in Special Locations
 - 3.9.1. Language Preservation

Module 4. Radiotherapeutic and Pharmacological Management of Brain Tumors

- 4.1. Radiation Therapy Management of Primary Brain Tumors
- 4.2. Radiation Therapy Management of Brain Metastases
- 4.3. Clinical trials: New Concepts Based on Precision Medicine
- 4.4. Results of Clinical Trials and Meta-Analyses with the Greatest Impact on Brain Tumor Clinical Practice
- 4.5. Real World Data Studies: Generating Knowledge

Module 5. Diagnostic and Therapeutic Algorithms for Brain Tumors

- 5.1. Low-Grade Gliomas
 - 5.1.1. Latest Developments in Diagnosis and Treatment
- 5.2. Current Results in Gliomas with Checkpoint Inhibitors
- 5.3. Management of Truncal Gliomas
- 5.4. Management of Spinal Cord Glial Tumors
- 5.5. Treatment Algorithm of Anaplastic Astrocytoma
- 5.6. Treatment Algorithm for Low-Grade Oligodendroglioma
- 5.7. Treatment Algorithm for High-Grade Oligodendroglioma
- 5.8. Treatment Algorithm for Glioblastoma Multiforme
- 5.9. Antiangiogenic Treatment of Glioblastoma Multiforme
- 5.10. Immunotherapy Treatment of Glioblastoma Multiforme
- 5.11. Evaluation of the Efficacy of Immunotherapy in Neuro-Oncology
- 5.12. Monitoring and Management of Immune-Related Adverse Events
- 5.13. Treatment of Primary Brain Tumors in Older Adults
 - 5.13.1. What is the Best Strategy?

Module 6. Brain Tumors and Neuroncologic Complications at Pediatric Age

- 6.1. Brain Tumors in the First Decades of Life
 - 6.1.1. Epidemiology
 - 6.1.2. Histology and Prognostic Considerations
- 6.2. Brain Tumors in the First Decades of Life
 - 6.2.1. Surgery Considerations
 - 6.2.2. Perioperative Management
- 6.3. Oncologic Treatment in Primary CNS Tumors in Childhood
- 6.4. Neuro-Oncologic Complications in Children with Systemic Cancer

Module 7. Special Brain Tumors

- 7.1. Algorithm for the Treatment of Germ Cell Tumors
- 7.2. Primary Central Nervous System Lymphoma
- 7.3. Ependymoma
- 7.4. New Techniques in Skull Base Surgery
 - 7.4.1. Introduction to the Endoscopic Technique
 - 7.4.1.1. Indications
 - 7.4.1.2. Complications
 - 7.4.1.3. Management
- 7.5. Management of Malignant Skull Base Tumors
 - 7.5.1. Chordomas
 - 7.5.2. Chondrosarcomas
- 7.6. Craneofaringioma
- 7.7. Solitary Fibrous Tumor/Hemangiopericytoma
 - 7.7.1. Update on a Rare and Difficult to Manage Tumor
- 7.8. Brain Tumors Associated with Hereditary Cancer Syndromes
- 7.9. Von Hippel - Lindau Disease and Hemangioblastoma
 - 7.9.1. Management
- 7.10. Brain Tumors and Neurofibromatosis

Module 8. Cerebral and Leptomeningeal Metastases

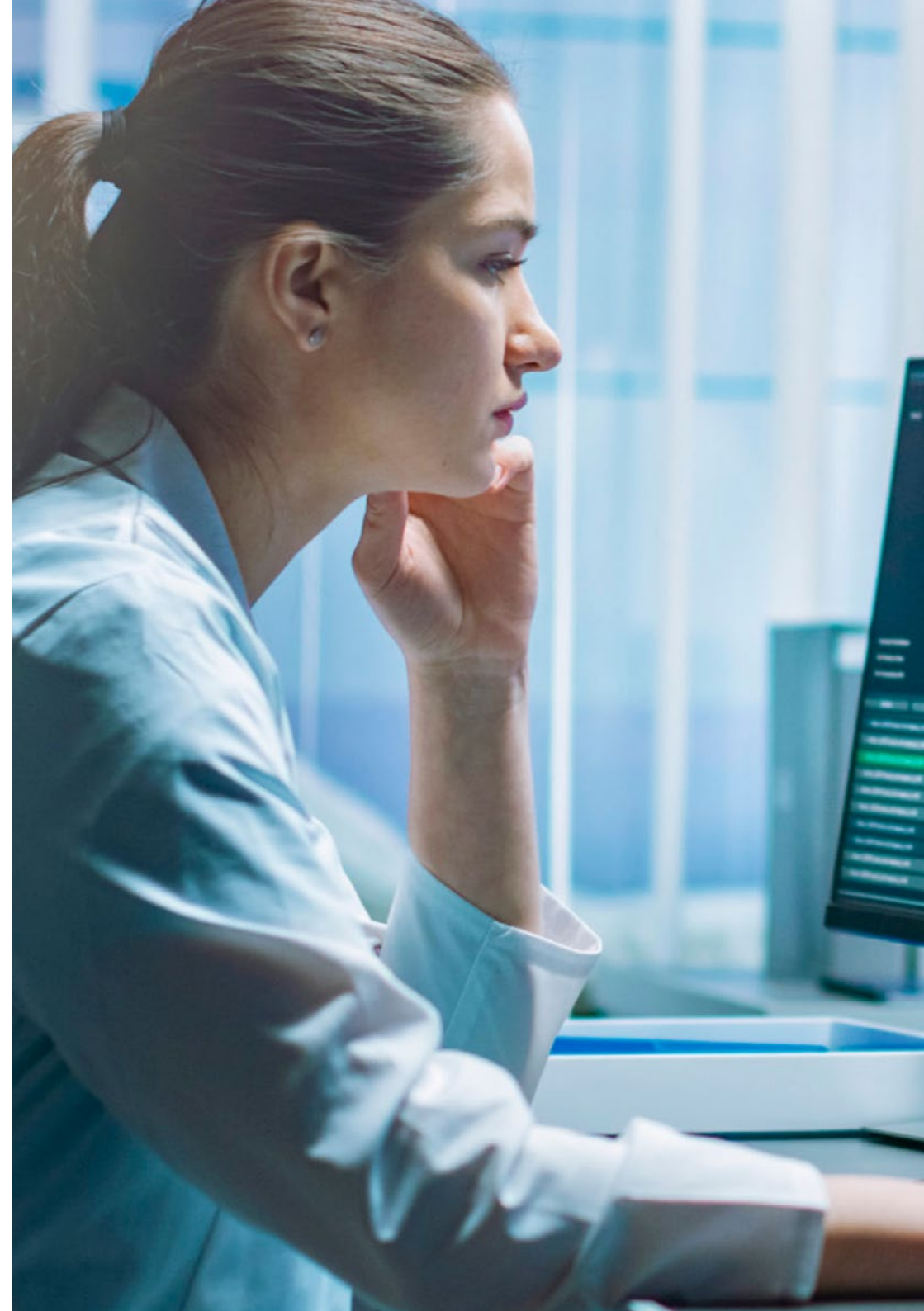
- 8.1. Diagnostic and Therapeutic Algorithm for Brain Metastases
- 8.2. Role of Surgery and Radiosurgery in the Treatment of Brain Metastases
- 8.3. The Role of Chemotherapy in the Treatment of Cerebral Metastases
- 8.4. Immunotherapy Treatment of Brain Metastases
- 8.5. Leptomeningeal Metastases as a Complication of Systemic Tumors
- 8.6. Spinal Cord Involvement as a Complication of Systemic Tumors
 - 8.6.1. Metastases in the Peripheral Nervous System as a Complication of Systemic Tumors

Module 9. Paraneoplastic Syndromes and Comorbidities in Neurological Cancers

- 9.1. Concept and Pathogenesis of Paraneoplastic Syndromes of the Nervous System
- 9.2. Concept of Paraneoplastic Encephalomyelitis and Multifocal Syndromes
- 9.3. Diagnosis and Treatment of Paraneoplastic Limbic Encephalitis
- 9.4. Paraneoplastic Cerebellar Degeneration
- 9.5. Paraneoplastic Sensory Neuronopathy and Paraneoplastic Neuropathies
- 9.6. Identification and Treatment of Paraneoplastic Opsoclonus-Myoclonus
- 9.7. Lamber-Eaton Paraneoplastic Syndrome
- 9.8. Peripheral Nervous System Hyperexcitability Syndromes and Paraneoplastic Stiff Person Syndrome
- 9.9. Approach to Necrotizing Myopathy and Paraneoplastic Dermatomyositis
- 9.10. Lung Cancer and Neurological Comorbidity
- 9.11. Neurological Complications Associated with Digestive Tumors
- 9.12. Breast Cancer and Neuro-Oncologic Complications
- 9.13. Neurological Complications of Nephrouinary Cancer
- 9.14. Gynecologic Cancer Neuroncology
- 9.15. Head and Neck Cancer and Neurological Comorbidity
- 9.16. Neurological Complications of Sarcoma
- 9.17. Melanoma and Neurological Complications
- 9.18. Neurological Complications of Lymphoma
- 9.19. Neurological Complications of Leukemia
- 9.20. Plasma Cell Dyscrasias and Neurological Comorbidity

Module 10. Neurological and Medical Complications in Cancer

- 10.1. Management of Epileptic Seizures and Systemic Cancer
- 10.2. Prevention and Early Detection of Cognitive Impairment as a Complication of Systemic Cancer
- 10.3. Stroke and Cerebrovascular Complications in the Cancer Patient
- 10.4. Diagnosis and Management of Headache Associated with Neuroncological Problems
- 10.5. Hydrocephalus and Intracranial Hypertension as a Complication in Cancer
- 10.6. Neurological Complications of Radiotherapy
- 10.7. Neurological Complications of Chemotherapy



- 
- 10.8. Neurological Complications of Immunobiological Therapies
 - 10.9. Neurological Complications of Bone Marrow Transplantation
 - 10.10. Management of Infectious Comorbidities
 - 10.11. Management of Cardiovascular Comorbidities
 - 10.12. Management of Endocrinological Comorbidities
 - 10.13. Management of Nutritional Comorbidities
 - 10.14. Outpatient Care of Patients with Neuro-oncologic Pathology
 - 10.15. Palliative Care: from Pre-Oncology Assessment to End-of-Life Care
 - 10.16. Palliative Management of Symptoms in Brain Tumors
 - 10.17. Why Do Patients with Brain Tumors Present to the Emergency Department and How Can Outcomes be Improved?

Module 11. The Future Collaborative World in Neuro-Oncology

- 11.1. Principles of Clinical Management
 - 11.1.1. Organizational Aspects in Oncology
 - 11.1.1.1. Transversality
 - 11.1.1.2. High Tech and High Touch
 - 11.1.1.3. Organizational Innovation
 - 11.1.1.4. Tendency to Concentration of Cases
 - 11.1.2. Components of Clinical Management in Oncology
 - 11.1.2.1. Service Portfolio Development
 - 11.1.2.2. Patient Orientation
 - 11.1.2.3. Networking
 - 11.1.2.4. R+D+I Fundraising
 - 11.1.2.5. Results Oriented
- 11.2. Informed Consent: Are We Really Informing Our Patients?
- 11.3. Decision Support Systems in Oncology Based on Artificial Intelligence
 - 11.3.1. Artificial Intelligence, Machine Learning, and Knowledge-Based Systems
 - 11.3.2. Decision Support Systems and their Applications in the Field of Medicine and Oncology
 - 11.3.3. The New Challenge of Big Data
- 11.4. Technological Platforms for Patient Monitoring and Control
- 11.5. The Collaborative Online World

07

Clinical Internship

After completing the online phase, the program includes a period of practical training in a reference clinical center. The student will have at their disposal the support of a tutor who will accompany them during the whole process, both in the preparation and in the development of the clinical practice.



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Do your clinical internship of this Hybrid Professional Master's Degree in one of the best hospitals in the world"

The Practical Training of this program consists of a stay in a hospital of the highest quality and medical exigency. This stay will allow the physician to Communication Management see real patients alongside a team of reference professionals in the area of Neurological Oncology, applying the most innovative diagnostic procedures and planning the latest generation of therapy for each pathology.

In this completely practical Internship Program, the activities are aimed at developing and perfecting the skills necessary to provide healthcare care in areas and conditions that require highly qualified professionals, and are oriented towards specific expertise for practicing the activity, in a safe environment for the patient and with highly professional performance.

The practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the accompaniment and guidance of the professors and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for medicine Diseases Clinical Analysis Care Medicine (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the training, and their completion is subject to both the suitability of the patients and the availability of the center and its workload, with the proposed activities being as follows:



Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential”



Module	Practical Activity
Radiology techniques in the management of brain tumors	Indicate spectrometry and tractography for the diagnosis and sizing of brain tumors
	To implement the diffusion tensor technique to obtain anisotropic fraction maps to study certain pathological conditions affecting the white matter of the brain
	To carry out the analysis of Gliomas by positron emission tomography with magnetic resonance (PET-CT and PET-MRI)
	Use computed tomography (CT) in the approach to neuro-oncological complications, with emphasis on intraoperative complications
	Use of magnetic resonance imaging in the diagnosis and approach to complex brain tumors in the intraoperative setting
	Perform ultrasound scans for the diagnosis of tumors and other brain pathologies
	Perform magnetic resonance imaging studies on patients with brain oncologic pathologies
Neurosurgery of brain tumors	Perform craniotomy with the patient awake
	Applying fluorescence-guided surgery to brain tumors
	Perform endoscopic surgery for the removal of meningiomas and ependymomas
	Using Gamma Knife as alternative non-invasive outpatient treatments with state-of-the-art technology
	Indicate proton therapy for brain tumors that need to be treated precisely and decrease the risk of affecting other tissues
	Accurately delivering high doses of radiation to brain tumors with CyberKnife technology
Radiotherapeutic and pharmacological management of brain tumors	Reducing the size of brain tumors prior to surgery through chemotherapy
	Indicate chemotherapy to kill cancer cells remaining after surgery or radiation
	Employ targeted treatments to block genes or proteins involved in tumor growth based on detailed DNA profiling
	Implement different immunotherapies, including checkpoint inhibitors, cytokines and antineoplastic vaccines
	Restricting angiogenesis (growth of new blood vessels) of brain tumors by the application of Precision Inhibitors
Latest trends in interventional oncology for the management of neurological and medical complications in cancer	Diagnosing and staging cancer more accurately with image-guided needle biopsies
	Facilitate the administration of antineoplastic drugs through the use of a central venous catheter
	Blocking blood flow to a brain tumor by embolization
	Manage treatment algorithms for anaplastic astrocytomas, oligodendrogliomas and glioblastomas

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this educational entity undertakes to take out civil liability insurance to cover any eventuality that may arise during the stay at the internship center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. In this way, the professional will not have to worry in case he/she has to face an unexpected situation and will be covered until the end of the practical program at the center.



General Conditions of the Internship Program

The general terms and conditions of the internship program agreement shall be as follows:

1. TUTOR: During the Hybrid Professional Master's Degree, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Hybrid Professional Master's Degree, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Hybrid Professional Master's Degree will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: the Hybrid Professional Master's Degree shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Hybrid Professional Master's Degree. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Hybrid Professional Master's Degree will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed.

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

08

Where Can I Do the Clinical Internship?

This Hybrid Professional Master's Degree in Neurological Oncology offers a clinical practice in internationally renowned hospitals. This is possible thanks to the network of contacts and collaborators at TECH's disposal, as the largest digital university of the moment. In these institutions, the specialist will have access to the most up-to-date technology and will be able to provide first-rate medical care to real patients. It will also have the advice and supervision of distinguished experts in this professional area.





“

Enroll in this program and acquire the most updated competencies and procedures in Neurological Oncology”



The student will be able to take the practical part of this Hybrid Professional Master's Degree in the following centers:



Medicine

Hospital HM Modelo

Country	City
Spain	La Coruña

Address: Rúa Virrey Osorio, 30, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

Hospital Maternidad HM Belén

Country	City
Spain	La Coruña

Address: R. Filantropía, 3, 15011, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Assisted Reproduction
- Hospitals and Health Services Management



Medicine

Hospital HM Rosaleda

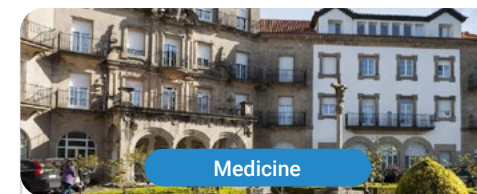
Country	City
Spain	La Coruña

Address: Rúa de Santiago León de Caracas, 1, 15701, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Hair Transplantation
- Orthodontics and Dentofacial Orthopedics



Medicine

Hospital HM La Esperanza

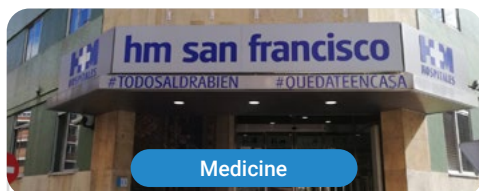
Country	City
Spain	La Coruña

Address: Av. das Burgas, 2, 15705, Santiago de Compostela, A Coruña

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Oncology Nursing
- Clinical Ophthalmology



Medicine

Hospital HM San Francisco

Country	City
Spain	León

Address: C. Marqueses de San Isidro, 11, 24004, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Trauma Nursing



Medicine

Hospital HM Regla

Country	City
Spain	León

Address: Calle Cardenal Landázuri, 2, 24003, León

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Update on Psychiatric Treatment in Minor Patients



Medicine

Hospital HM Nou Delfos

Country	City
Spain	Barcelona

Address: Avinguda de Vallcarca, 151, 08023 Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Aesthetic Medicine
- Clinical Nutrition in Medicine



Medicine

Hospital HM Madrid

Country	City
Spain	Madrid

Address: Pl. del Conde del Valle de Súchil, 16, 28015, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Anaesthesiology and Resuscitation



Medicine

Hospital HM Montepríncipe

Country	City
Spain	Madrid

Address: Av. de Montepríncipe, 25, 28660, Boadilla del Monte, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Aesthetic Medicine



Medicine

Hospital HM Torrelodones

Country	City
Spain	Madrid

Address: Av. Castillo Olivares, s/n, 28250, Torrelodones, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

Hospital HM Sanchinarro

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Anaesthesiology and Resuscitation
- Palliative Care



Medicine

Hospital HM Nuevo Belén

Country	City
Spain	Madrid

Address: Calle José Silva, 7, 28043, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- General and Digestive System Surgery
- Clinical Nutrition in Medicine



Medicine

Hospital HM Puerta del Sur

Country	City
Spain	Madrid

Address: Av. Carlos V, 70, 28938, Móstoles, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Palliative Care
- Clinical Ophthalmology



Medicine

Hospital HM Vallés

Country	City
Spain	Madrid

Address: Calle Santiago, 14, 28801, Alcalá de Henares, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

HM CIOCC - Centro Integral Oncológico Clara Campal

Country	City
Spain	Madrid

Address: Calle de Oña, 10, 28050, Madrid

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

HM CIOCC Barcelona

Country	City
Spain	Barcelona

Address: Avenida de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed Spanish democracy

Related internship programs:

- Advances in Hematology and Hemotherapy
- Oncology Nursing



Medicine

HM CIOCC Galicia

Country	City
Spain	La Coruña

Address: Avenida das Burgas, 2, 15705, Santiago de Compostela

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Gynecologic Oncology
- Clinical Ophthalmology



Medicine

Policlínico HM Imi Toledo

Country	City
Spain	Toledo

Address: Av. de Irlanda, 21, 45005, Toledo

Network of private clinics, hospitals and specialized centers distributed throughout Spain.

Related internship programs:

- Electrotherapy in Rehabilitation Medicine
- Hair Transplantation



Medicine

Centro Médico Vithas El Ejido

Country	City
Spain	Almería

Address: Avenida Ciavieja, 15, 04700 El Ejido

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Implantology and Oral Surgery



Medicine

Centro Médico Vithas Fuengirola

Country	City
Spain	Malaga

Address: Avenida de Ramón y Cajal, s/n, 29640 Fuengirola

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Alzira

Country	City
Spain	Valence

Address: Gran Vía Comunitat Valenciana, 4, 46600 Alzira

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Castellón

Country	City
Spain	Castellón

Address: Calle Santa Maria Rosa Molas, 40, 12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Limonar

Country	City
Spain	Malaga

Address: Calle la Era, 6, 29016 Málaga

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Lleida

Country	City
Spain	Lérida

Address: Avenida de Tortosa 4, 25005 Lleida

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Granada

Country	City
Spain	Granada

Address: Plaza Ciudad de los Cármenes, Bajo B, s/n, 18013 Granada

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas La Rosaleda

Country	City
Spain	Malaga

Address: Paseo Martiricos, Estadio de Fútbol La Rosaleda s/n, 29011 Málaga

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Pontevedra

Country	City
Spain	Pontevedra

Address: Avenida Eduardo Pondal, 68, 36003 Pontevedra

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Rincón de la Victoria

Country	City
Spain	Malaga

Address: Avenida de la Torre, 15, 29730 Rincón de la Victoria

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Nerja

Country	City
Spain	Malaga

Address: Calle Antonio Ferrandis, 'Edificio Chanquete', 5, 29780 Málaga

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Playa Serena

Country	City
Spain	Almería

Address: Avenida de Playa Serena, 40, 04740 Roquetas de Mar

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Torremolinos

Country	City
Spain	Malaga

Address: Calle Hoyo, 15, 29620 Torremolinos

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Vitoria

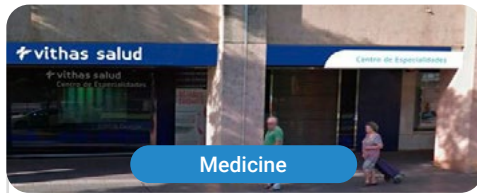
Country	City
Spain	Álava

Address: Avenida Beato Tomás de Zumárraga, 1, 01008 Vitoria

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Sevilla

Country	City
Spain	Seville

Address: Calle Enramadilla, 8, 41018 Sevilla

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Torre del Mar

Country	City
Spain	Malaga

Address: Calle San Andrés, 23, 29740 Torre del Mar

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Universitario Vithas La Milagrosa

Country	City
Spain	Madrid

Address: Calle Modesto Lafuente, 14, 28010 Madrid

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Aguas Vivas

Country	City
Spain	Valence

Address: Carretera Alzira-Tavernes de Valldigna, CV-50 Km 11, 46740 Carcaixent

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Centro Médico Vithas Madrid Aravaca

Country	City
Spain	Madrid

Address: Calle La Salle, 12, 28023 Madrid

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Universitario Vithas Madrid Arturo Soria

Country	City
Spain	Madrid

Address: C. de Arturo Soria, 103, 28043 Madrid

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Castellón

Country	City
Spain	Castellón

Address: Calle Santa María Rosa Molas, 25, 12004 Castellón de la Plana

Leading group in the Spanish healthcare sector

Related internship programs:

- Intensive Care Nursing
- Endodontics and Apical Microsurgery



Medicine

Hospital Vithas Granada

Country	City
Spain	Granada

Address: Avenida de Santa María de la Alhambra, 6, 18008 Granada

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Alicante

Country: Spain City: Alicante

Address: Plaza Dr. Gómez Ulla, 15, 03013 Alicante

Leading group in the Spanish healthcare sector

Related internship programs:

- Endodontics and Apical Microsurgery
- Implantology Oral Surgery



Medicine

Hospital Vithas Almería

Country: Spain City: Almería

Address: Carretera del Mami, Km 1, 04120 Almería

Leading group in the Spanish healthcare sector

Related internship programs:

- Intensive Care Nursing
- Update in Anesthesiology and Resuscitation



Medicine

Hospital Vithas Málaga

Country: Spain City: Málaga

Address: Avenida Pintor Sorolla, 2, 29016 Málaga

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Medimar

Country: Spain City: Alicante

Address: Avenida de Dénia, 78, 03016 Alicante

Leading group in the Spanish healthcare sector

Related internship programs:

- Gynecologic Oncology
- Intensive Care Nursing



Medicine

Hospital Vithas Las Palmas

Country: Spain City: Las Palmas

Address: Calle León y Castillo, 292, 35005 Las Palmas de Gran Canaria

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Lleida

Country: Spain City: Lérida

Address: Calle Bisbe Torres, 13, 25002 Lleida

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Valencia 9 de Octubre

Country: Spain City: Valence

Address: Calle Valle de la Ballestera, 59, 46015 Valencia

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Valencia Consuelo

Country: Spain City: Valence

Address: Calle Callosa d'En Sarrià, 12, 46007 Valencia

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Sevilla

Country City
Spain Seville

Address: Avenida Plácido Fernández Viagas,
s/n, 41950 Castilleja de la Cuesta

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Tenerife

Country City
Spain Santa Cruz de Tenerife

Address: Calle Enrique Wolfson, 8, 38006 Santa
Cruz de Tenerife

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
Esthetic Nursing



Medicine

Hospital Vithas Vigo

Country City
Spain Pontevedra

Address: Via Norte, 48, 36206 Vigo

Leading group in the Spanish healthcare sector

Related internship programs:

Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Medicine

Hospital Vithas Vitoria

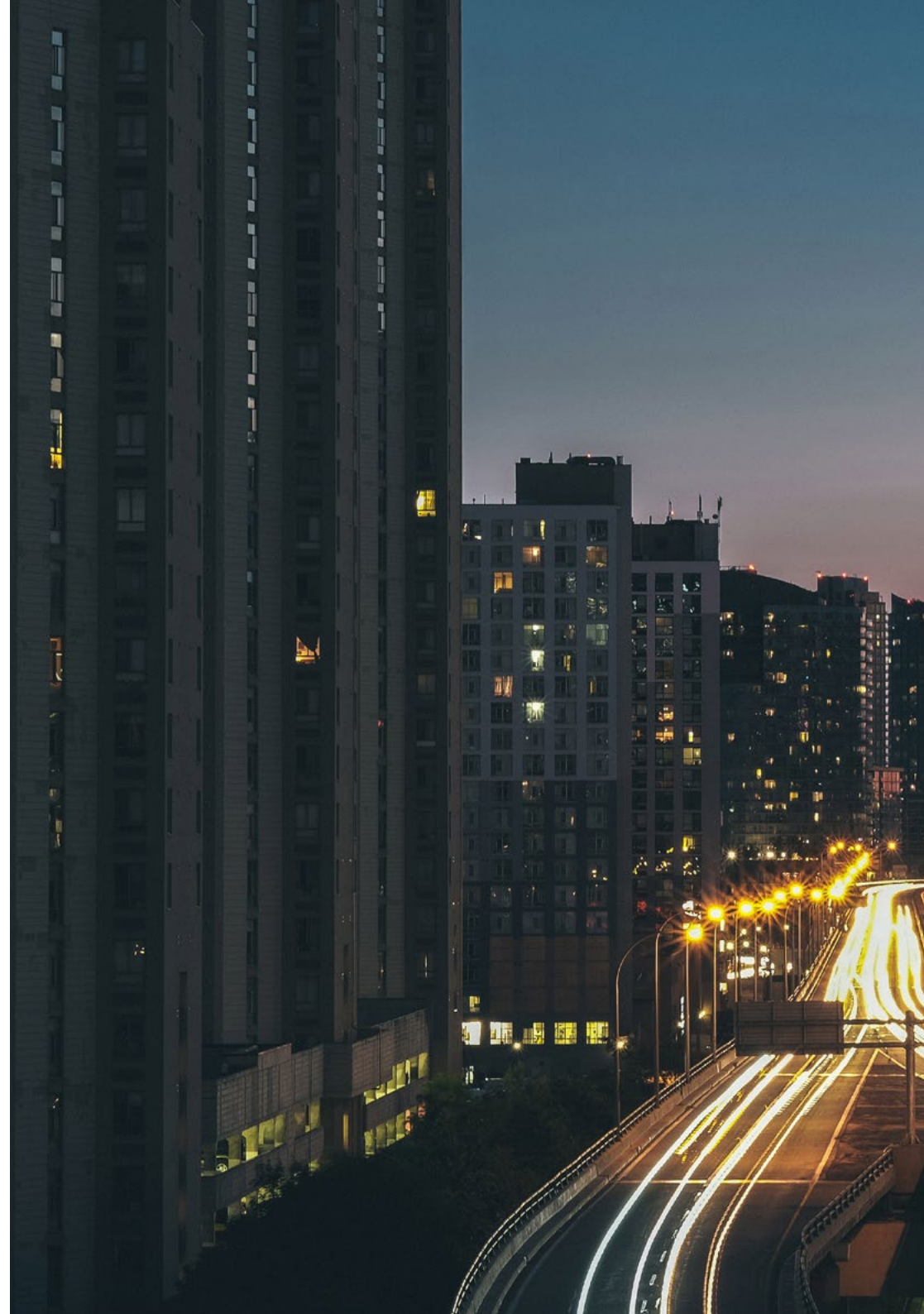
Country City
Spain Álava

Address: Calle Beato Tomás de Zumárraga, 10,
01008 Vitoria-Gasteiz

Leading group in the Spanish healthcare sector

Related internship programs:

- Endodontics and Apical Microsurgery
- Implantology Oral Surgery





Hospital Vithas Xanit Internacional

Country: Spain City: Malaga

Address: Avenida de los Argonautas, s/n, 29631 Benalmádena

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Instituto Oftalmológico Vithas EuroCanarias

Country: Spain City: Las Palmas

Address: Calle León y Castillo, 211, 35005 Las Palmas de Gran Canaria

Leading group in the Spanish healthcare sector

Related internship programs:

- Intensive Care Nursing
- Update in Anesthesiology and Resuscitation



Vithas Centro Médico

Country: Spain City: Lérida

Address: Calle de les Astes de Sant Macari, 3, 25300 Tàrraga

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing



Vithas Internacional

Country: Spain City: Madrid

Address: Calle Arturo Soria, 107, 28043 Madrid

Leading group in the Spanish healthcare sector

Related internship programs:

- Update in Anesthesiology and Resuscitation
- Intensive Care Nursing

09

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.



10 Certificate

The Hybrid Professional Master's Degree in Neurological Oncology guarantees students, in addition to the most rigorous and up-to-date education, access to a Hybrid Professional Master's Degree diploma issued by TECH Technological University.





“

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

This **Hybrid Professional Master's Degree in Neurological Oncology** contains the most complete and up-to-date program on the professional and educational field.

After the student has passed the assessments, they will receive their corresponding Hybrid Professional Master's Degree diploma issued by TECH Technological University via tracked delivery*.

In addition to the diploma, students will be able to obtain an academic transcript, as well as a certificate outlining the contents of the program. In order to do so, students should contact their academic advisor, who will provide them with all the necessary information.

Title: **Hybrid Professional Master's Degree in Neurological Oncology**

Course Modality: **Hybrid (Online + Clinical Internship)**

Duration: **12 months**

Certificate: **TECH Technological University**

Teaching Hours: **1,620 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 quality
development languages
virtual classroom



Hybrid Professional Master's Degree

Neurological Oncology

Course Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Technological University

Teaching Hours: 1,620 h.

Hybrid Professional Master's Degree

Neurological Oncology