

# Hybrid Professional Master's Degree Neurology Nursing





## Hybrid Professional Master's Degree Neurology Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

Website: [www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-neurology-nursing](http://www.techtute.com/us/nursing/hybrid-professional-master-degree/hybrid-professional-master-degree-neurology-nursing)

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# 01

# Introduction

Nursing professionals are essential in Neurology Services. However, it is a very specialized area that requires specific and up-to-date knowledge to provide the best care to patients. For this reason, acquiring the most advanced skills in this area is essential to be able to carry out daily work in accordance with the latest scientific and clinical postulates. This program offers students the opportunity to delve into this subject and to update their knowledge, combining an online learning phase with a practical internship in a center of reference in this field. In it, students will have access to real patients, all of this from the hand of great experts in the discipline who will guide them throughout this stage.



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*Acquire, thanks to this Hybrid Professional Master's Degree, all the theoretical and practical knowledge necessary to update your skills as a nurse in the Neurology Service"*

Neurology is a very delicate health area, since it encompasses a large number of complex pathologies that influence not only patients but also their environment. This is because these diseases affect people's basic functions of communication and movement, limiting them and conditioning their behavior, causing their relatives and friends to suffer as well. For this reason, being able to offer the best treatments and care to this type of patient is fundamental, and providing them with the best techniques is a basic task if they are to be properly cared for.

Therefore, in a Neurology Service there are numerous healthcare professionals working to ensure that patients have access to the latest procedures. And within that service, Nursing are fundamental. But to be able to work in this field, you need specific knowledge focused on it. Therefore, this Hybrid Professional Master's Degree offers the student all the keys to delve into this field, with an approach that combines theoretical content, taught with an innovative online methodology, with practice.

In this way, this program is composed of two parts: in the first part, the professional will be able to update their knowledge through 10 specific modules, while in the second part they will carry out an internship in a reference center in the field of Neurology.

Thanks to this program, therefore, students will be able to obtain an update of knowledge and skills in this area, following a learning process through which they will learn the latest developments in this field, which they will then be able to apply during their internship and in their professional careers. This internship is carried out on an intensive basis, over 3 weeks, from Monday to Friday, 8 hours a day. This will ensure that the nursing professionals who complete it learn the most innovative care techniques, together with the best experts.

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

- ◆ Development of clinical cases presented by expert healthcare professionals in the Neurology Service
- ◆ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Evaluation and monitoring of the neurological patient
- ◆ Comprehensive systematized action plans for the main pathologies in the Neurology Department
- ◆ Access to real cases of neurological patients
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Availability of content from any fixed or portable device with an Internet connection
- ◆ Clinical internship in one of the best hospitals in the world



*Get up to date and become a high-level nurse in the field of neurology thanks to this Hybrid Professional Master's Degree"*

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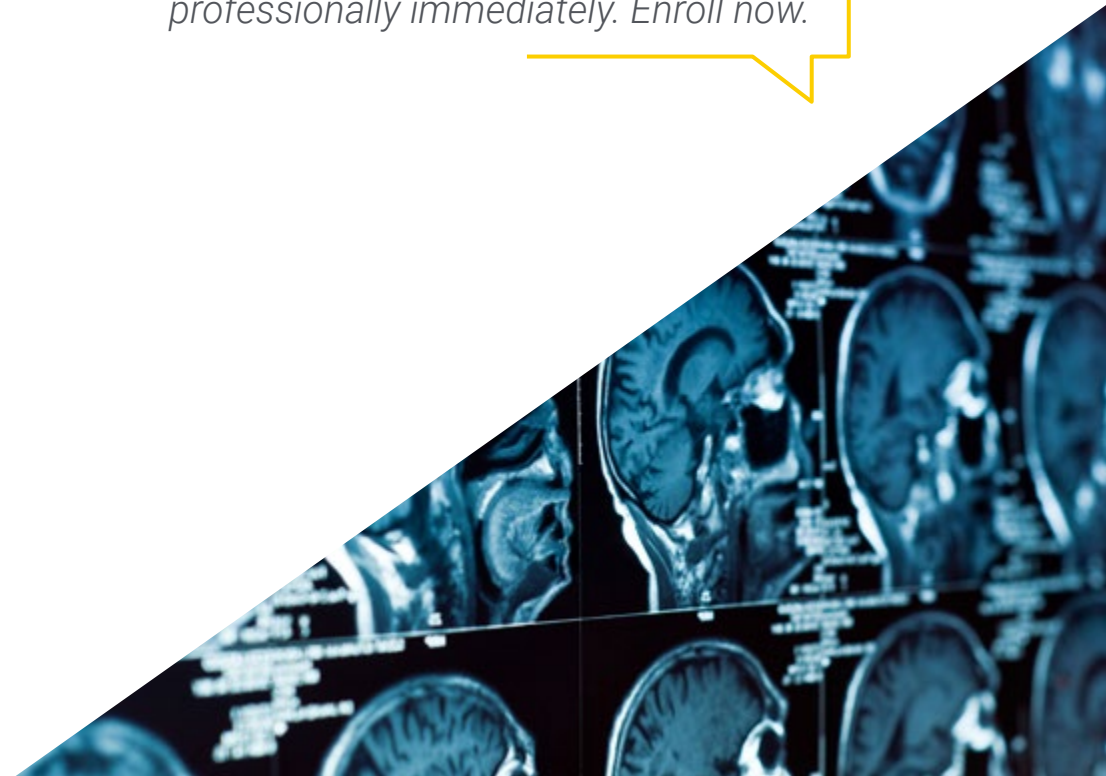
*This Hybrid Professional Master's Degree in Neurology Service is what you were looking for. Do not miss the opportunity and enroll"*

In this proposal for a Hybrid Professional Master's Degree, of a professionalizing nature and online format, the program is aimed at updating nursing professionals who perform their functions in intensive care Services, and who require a high level of qualification. The contents are based on the latest scientific evidence, and oriented in a educational way to integrate theoretical Nurse practice, and the theoretical-practical elements will facilitate the updating of knowledge and will allow decision making in the patient management.

The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education program to learn in real situations. This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Access to real cases and learn everything about nursing in the neurology service from great specialists in the field.*

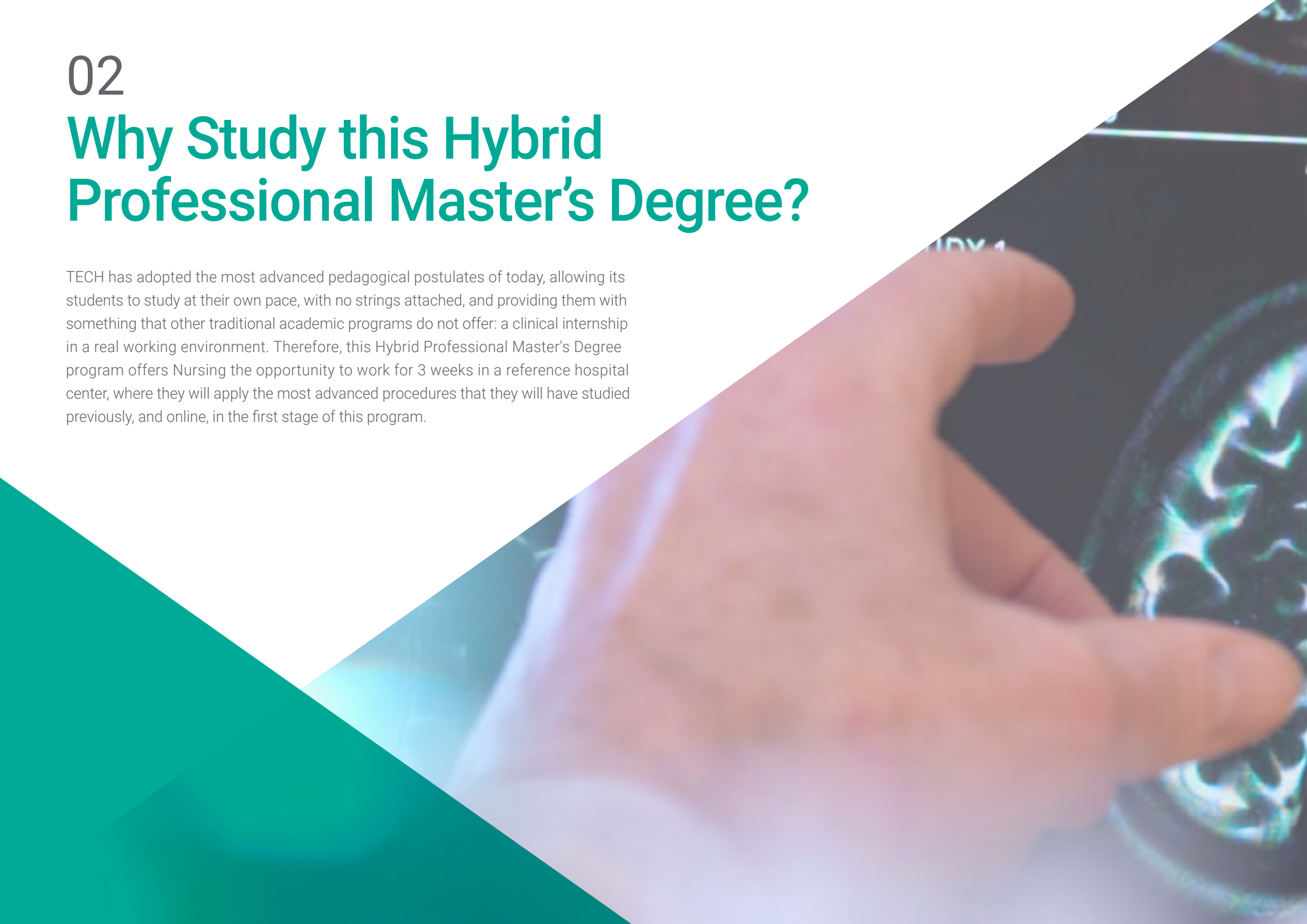
*Take an intensive 3-week internship in a prestigious center and grow professionally immediately. Enroll now.*



02

# Why Study this Hybrid Professional Master's Degree?

TECH has adopted the most advanced pedagogical postulates of today, allowing its students to study at their own pace, with no strings attached, and providing them with something that other traditional academic programs do not offer: a clinical internship in a real working environment. Therefore, this Hybrid Professional Master's Degree program offers Nursing the opportunity to work for 3 weeks in a reference hospital center, where they will apply the most advanced procedures that they will have studied previously, and online, in the first stage of this program.







*TECH offers you the possibility of combining the study of the latest clinical postulates in Neurology with an internship in a prestigious health center, allowing you to update your knowledge in an active and participative way"*

### 1. Updating from the Latest Technology Available

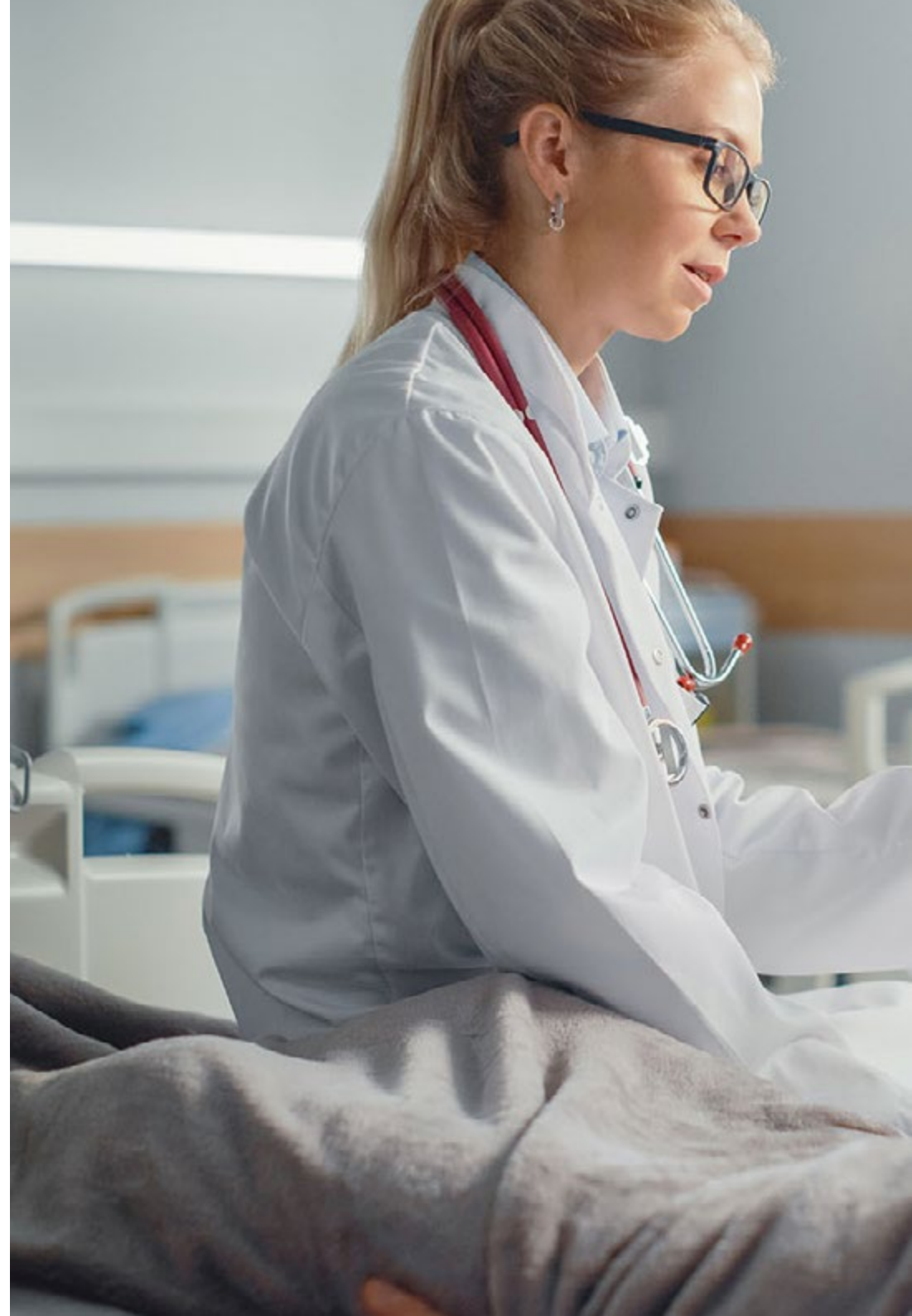
Technology has advanced in recent years in an amazing way, making it possible to intervene in neurological conditions that are difficult to resolve. For instance, the integration of Artificial Intelligence has facilitated the diagnosis of various diseases such as Parkinson's disease, by being able to detect its main symptoms. With this in mind, TECH brings professionals closer to innovative environments where they can develop using the latest equipment.

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

The student will be supervised at all times, throughout the 3 weeks of internship, by great professionals specialized in the area of Neurology. This is an endorsement for the development of the internship, since the nurse will receive constant guidance from experts in this field, ensuring that they obtain the best possible learning.

### 3. Entering First-Class Clinical Environments

The centers selected by TECH for its Internship Program have a great prestige. In this way, the nurse will be able to access high-level clinical environments in the area of Neurology, being able to be up-to-date in a demanding, meticulous and rigorous field of work, applying the latest scientific postulates of the discipline.





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

One of the main advantages offered by this program is to combine theoretical and practical education with pure practice. For this reason, this Hybrid Professional Master's Degree is perfect to be up-to-date in the latest techniques and protocols of Neurology Service and, later on, to apply them in a real working environment, during a 3-week intensive internship.

#### 5. Expanding the Boundaries of Knowledge

TECH not only provides students with high-level internships, but also the opportunity to be part of a world-class work environment, participating in various clinical processes alongside professionals working in the best hospitals. In this way, the nurse is guaranteed to be able to expand their projection to other regions and continents, a unique opportunity that only TECH, the largest digital university in the world, could offer.

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

# 03

## Objectives

The main objective of this Hybrid Professional Master's Degree in Neurology Service is to help its students achieve professional success thanks to the process of updating knowledge that they will experience during their development, emphasizing the practical exercise, without forgetting the theoretical basis, since students will be able to apply everything they have learned in an intensive internship in a reference center. In this way, they will succeed as specialized Nursing thanks to the new competencies obtained in this program.





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*This Hybrid Professional Master's Degree will provide you with everything you need to achieve your short and long term professional goals”*



## General Objective

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- The general objectives of this Hybrid Professional Master's Degree are, on the one hand, to learn to integrate general nursing care in the field of Neurology and, on the other hand, to carry out standardized care plans applied to this type of patients. To this end, this program will provide knowledge and fundamentals of the pathophysiology of diseases and conditions such as cerebrovascular diseases, epilepsy, movement disorders, multiple sclerosis, dementia and neuromuscular diseases



*This Hybrid Professional Master's Degree will provide you with everything you need to achieve your short and long term professional goals"*





## Specific Objectives

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### Module 1. CNS Anatomy CNS Infections and TBI

- ◆ Provide and expand basic knowledge in neuroanatomy
- ◆ Update knowledge of infectious diseases of the Nervous System
- ◆ Gain knowledge about cranioencephalic traumatism
- ◆ Know in depth the specific nursing care of infectious diseases, nervous system and cranioencephalic trauma
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

### Module 2. Cerebrovascular Diseases

- ◆ Contribute to and expand knowledge in cerebrovascular diseases
- ◆ Updated knowledge on acute ischemic and hemorrhagic stroke
- ◆ Study knowledge of cerebral venous thrombosis and cerebrovascular syndromes
- ◆ Have an in-depth knowledge of the specific nursing care of cerebrovascular diseases
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

### Module 3. Stroke Code and Stroke Hospital Care

- ◆ In-depth knowledge of the Ictus Code and its activation
- ◆ Update and expand knowledge in acute stroke emergency care
- ◆ Update and broaden knowledge in stroke unit care
- ◆ Study protocolized procedures in the Stroke Unit
- ◆ Have a strong knowledge of the specific nursing care needed in the Stroke Unit
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

#### Module 4. Epilepsy

- ◆ Know and expand knowledge about the classification and etiopathogenesis of epilepsy
- ◆ Provide and expand knowledge in diagnostic tests
- ◆ Know in depth the specific nursing care involved in epilepsy
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

#### Module 5. Mobility Disorders

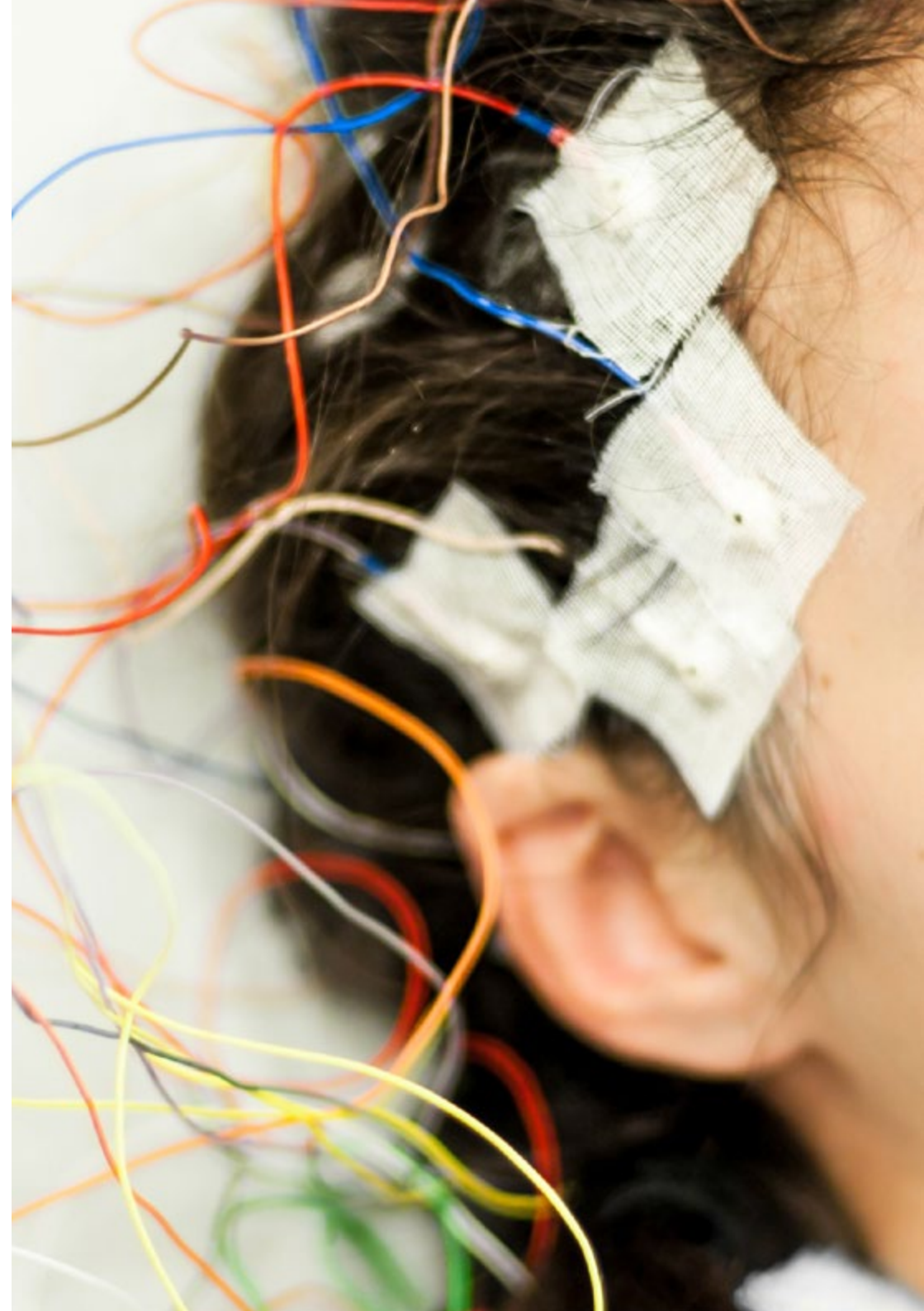
- ◆ Know and broaden knowledge in etiopathogenesis of mobility disorders
- ◆ Expand knowledge in parkinsonisms
- ◆ Gain knowledge about dystonia, Tourette's syndrome and Huntington's disease
- ◆ Know in depth the specific nursing care of mobility disorders diseases
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

#### Module 6. Multiple Sclerosis and Autoimmune CNS Diseases

- ◆ Know and expand knowledge in etiopathogenesis of multiple sclerosis
- ◆ Updated knowledge of demyelinating diseases
- ◆ Gain knowledge about autoimmune diseases of the SNC
- ◆ Have an in-depth knowledge of the specific nursing care of demyelinating diseases
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

#### Module 7. Dementias and Cognitive Deterioration

- ◆ Acquire and expand knowledge in etiopathogenesis dementias
- ◆ Update knowledge on Alzheimer's disease and other degenerative dementias
- ◆ Study knowledge of neuropsychological screening and assessment tests
- ◆ Know the specific nursing care involved in dementia in depth
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies





**Module 8. Headaches**

- ◆ Acquire and expand knowledge in the etiopathogenesis of primary headaches
- ◆ Update knowledge in migraine and secondary headaches
- ◆ Acquire knowledge about trigeminal autonomic cephalalgias and painful cranial neuropathies
- ◆ Acquire in-depth knowledge of the specific nursing care needed in the headaches and migraines
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

**Module 9. Neuromuscular Diseases**

- ◆ Acquire and expand knowledge in the etiopathogenesis of neuromuscular diseases
- ◆ Update knowledge in myopathies and dystrophies
- ◆ Gain knowledge about myasthenia and motor neuron diseases
- ◆ In-depth knowledge of specific nursing care in neuro-oncological diseases
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

**Module 10. Neurologic Oncology**

- ◆ Learn about and expand knowledge of primary glial and non-glial brain tumors
- ◆ Updated knowledge on brain metastasis and meningeal carcinomatosis
- ◆ Study knowledge of neurological complications of chemotherapy, radiotherapy and immunology
- ◆ In-depth knowledge of specific nursing care in neuro-oncological diseases
- ◆ Integrate nursing care into daily practice by following standardized care plans according to nursing taxonomies

# 04 Skills

During the development of this Hybrid Professional Master's Degree in Neurology Service, students will be able to develop specialized competencies in this field, which will make them the most updated Nursing in their professional environment. Therefore, this program, which places great emphasis on practice, has been specifically designed so that students can learn new skills and tools, achieving an up-to-date knowledge that will lead them to advance their careers.



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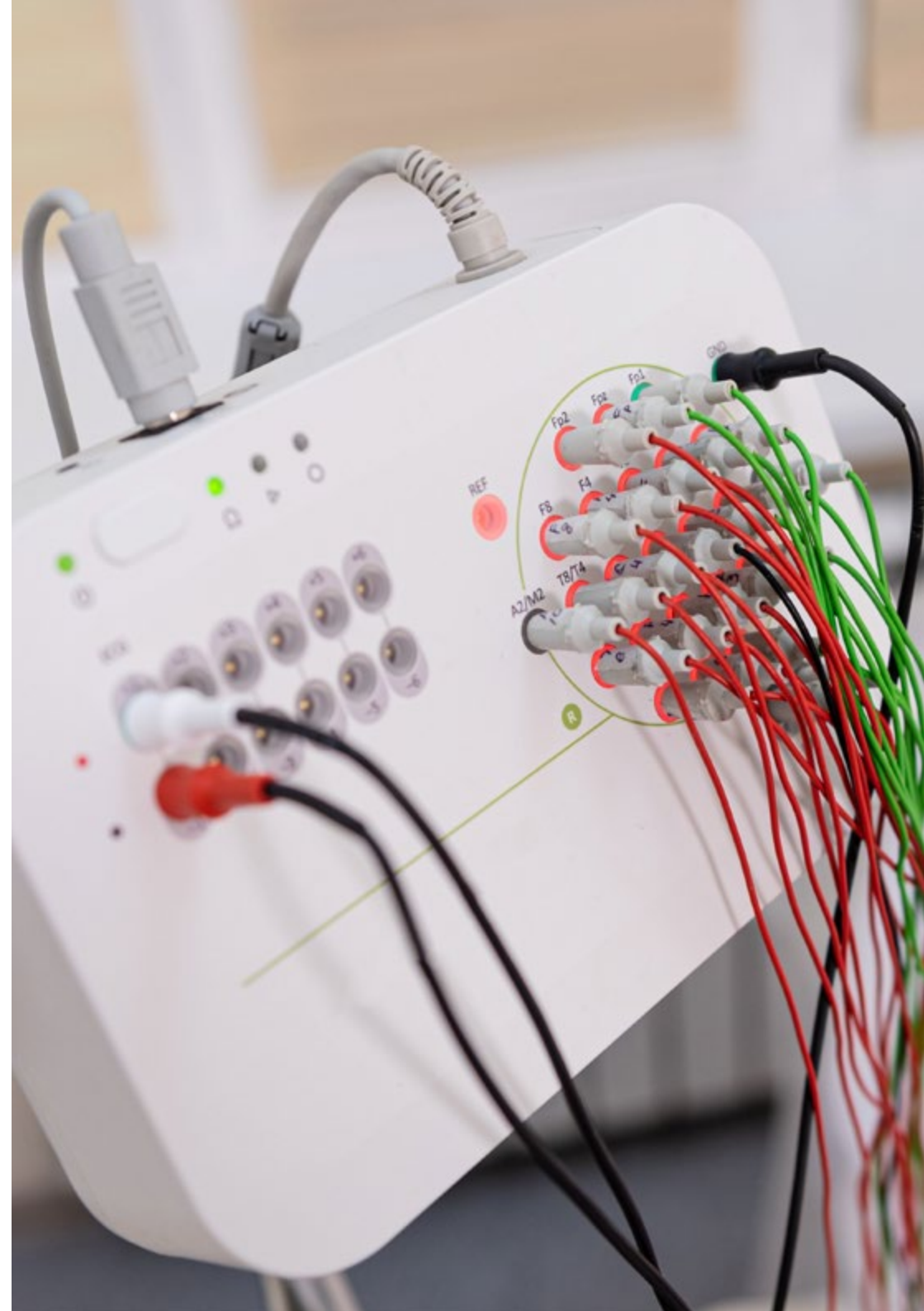
*Integrate the latest advances in Neurology Service into your daily work thanks to this comprehensive academic program that combines theory and practice in a single curriculum"*



## General Skills

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- Possess and understand knowledge that provides a basis for responding to the nursing care needs of neurological patients
- Apply the knowledge acquired and have problem-solving skills in inpatient or outpatient settings
- Integrate knowledge and deal with the complexity of formulating nursing diagnoses based on assessment by functional patterns
- Plan their care and correctly assess effective compliance with care plans through nursing taxonomies of outcome criteria and nursing interventions
- Encourage the participation of the user and family in their care program to achieve the best health outcome





## Specific Skills

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- 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
- Understand the Necessary Knowledge in Physiopathology of Neurological Diseases
- Learn the symptomatology that appears throughout the disease process and to anticipate possible complications that may occur
- Have an in-depth Knowledge of the most up-to-date basic medical-surgical treatments
- In-depth knowledge of diagnostic taxonomy to formulate nursing diagnoses, outcome criteria and nursing interventions



*Enroll now and advance in your field of work with a comprehensive program that will allow you to put into practice everything you have learned"*

05

# Course Management

In order to provide the best knowledge to the students, a high-level teaching staff has been arranged so that they can learn the latest issues in the field of the Neurology Service, from a Nursing point of view. In this way, students will be accompanied at all times by great specialists in the field who will transmit all the keys to the profession, so that students can later apply them in their work environments with all the guarantees.



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*The best professionals will guide you through this program to bring you closer to the latest developments in this clinical specialty that is in constant transformation"*

## Management



### Mr. Cano Manchón, Antonio Rafael

- Nursing Supervisor in the Area of Neurology and Neurosurgery in the Stroke Unit of the Hospital Universitario de La Princesa in Madrid
- Associate Professor of the Faculty of Nursing, belonging to the Faculty of Medicine, Universidad Autónoma de Madrid
- Degree in Nursing



## Professors

### Ms. Belascoáin Gómez, María Rocío

- ◆ Nurse at the Stroke, Neurology and Neurosurgery Unit of the Hospital Universitario de La Princesa in Madrid
- ◆ Nurse in the Cephalaea Unit of the Hospital Universitario de La Princesa
- ◆ Nurse in the Coronary Unit of the Hospital Universitario de La Princesa
- ◆ Nurse in the Intensive Care Unit of the Hospital Universitario de La Princesa
- ◆ Co-author of the publication NANDA NIC-NOC Methodology in the ICTUS unit after Thrombolysis in the scientific journal SEDENE

### Ms. Fernández Quiñones, Eva

- ◆ Nurse Assistant at the Hospital Universitario de La Princesa in Madrid
- ◆ Nurse at Atica Servicios de Salud S.L
- ◆ Postgraduate Certificate in Nursing from the Pontifical University of Comillas

### Ms. Sanz de la Plaza, Carmen

- ◆ Nurse Assistant in the Neurology-Neurosurgery- Stroke Unit of the University Hospital la Princesa
- ◆ Postgraduate Diploma in Neuroncology Nursing Care
- ◆ Degree in Nursing

### Ms. Del Río Muñoz, Beatriz

- ◆ Multiple Sclerosis Nurse Practitioner
- ◆ Nurse Assistant in Neurology and Neurosurgery at the Stroke Unit of the Hospital Universitario de La Princesa in Madrid
- ◆ Co-author of several scientific articles related to Neurology
- ◆ IV National Nursing Meeting Coordinator

### Ms. González García, Beatriz

- ◆ Nurse Assistant at the Hospital Universitario de La Princesa in Madrid
- ◆ Contributor to the collective work Nursing Care in Parkinson's disease
- ◆ Graduate in Nursing



*Delve into the most relevant theory in this field, subsequently applying it in a real work environment"*

# 06

## Educational Plan

This Hybrid Professional Master's Degree in Neurology Service is composed of a syllabus structured in 10 modules. Through them, students will be able to learn about issues such as cerebrovascular diseases, stroke code activation criteria, epilepsy, multiple sclerosis and dementia. In this way, they will be able to provide the best possible response to each pathology and each patient, substantially improving their care.





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*A 100% online syllabus, adapted to your needs, so that you can learn the techniques and protocols in Neurology Service"*

## Module 1. CNS Anatomy CNS Infections and TBI

- 1.1. Central Nervous System
  - 1.1.1. CNS Parts. Brain, Spinal Cord, Meninges and CSF
- 1.2. Peripheral Nervous System
  - 1.2.1. PNS Parts. Spinal Nerves and Cranial Nerves
- 1.3. Autonomic Nervous System
  - 1.3.1. ANS Parts. Sympathetic and Parasympathetic Nervous System
- 1.4. Viral Infections of the CNS
  - 1.4.1. Types of Viral Infection
- 1.5. Bacterial Infections of the CNS
  - 1.5.1. Types of Bacterial Infection
- 1.6. Parasitic Diseases of the CNS
  - 1.6.1. Types of Parasitic Infection
- 1.7. Cranioencephalic Traumas
  - 1.7.1. TBI Treatment
  - 1.7.2. Specific Nursing Care
- 1.8. Treatment of CNS Infections
  - 1.8.1. Pharmacological Treatment
  - 1.8.2. Non-Pharmacological Treatment
- 1.9. Nursing Care in Pathology CNS Infectious
  - 1.9.1. Specific Care in Viral Infections
  - 1.9.2. Specific Care in Bacterial Infections
  - 1.9.3. Specific Care in Parasitic Infections
- 1.10. Standardized NANDA-NIC-NOC Care Plans in Infectious Pathologies
  - 1.10.1. Nursing Assessment by Gordon functional patterns
  - 1.10.2. Nursing Diagnoses NANDA Taxonomy
  - 1.10.3. Care planning according to NIC-NOC taxonomy

## Module 2. Cerebrovascular Diseases

- 2.1. Transient Ischemic Attack
  - 2.1.1. Causes, Signs and Symptoms
- 2.2. Acute Ischemic Stroke. Classification According to Location
  - 2.2.1. Total Ischemic Stroke (TACI)
  - 2.2.2. Posterior Circulation Stroke (POCI)
  - 2.2.3. Lacunar Strokes
- 2.3. Acute Ischemic Stroke II. Classification According to Etiology
  - 2.3.1. Atherothrombotic Infarction
  - 2.3.2. Cardioembolic Infarction
  - 2.3.3. Lacunar Infarction, Small Vessel Occlusion
  - 2.3.4. Cerebral Infarction of Unusual Cause
  - 2.3.5. Cerebral Infarction of Undetermined Origin
- 2.4. Cerebral Hemorrhage
  - 2.4.1. Causes, Signs and Symptoms
- 2.5. Subarachnoid Hemorrhage
  - 2.5.1. Causes, Signs and Symptoms
- 2.6. Cerebral Venous Thrombosis
  - 2.6.1. Causes, Signs and Symptoms
- 2.7. Other cerebrovascular syndromes (lacunar, vertebrobasilar)
  - 2.7.1. Causes, Signs and Symptoms
- 2.8. Neurorehabilitation in Strokes
  - 2.8.1. Importance of Rehabilitation after a Stroke
  - 2.8.2. Subacute Rehabilitation: Outpatient Rehabilitation and Home Care
- 2.9. Nursing Care in Acute Strokes
  - 2.9.1. Specific Care in Ischemic Strokes
  - 2.9.2. Specific Care in Hemorrhagic Strokes
  - 2.9.3. Specific Care in Subarachnoid Hemorrhage
  - 2.9.4. Specific Care in Cerebral Venous Thrombosis
  - 2.9.5. Specific Care in Cerebrovascular Syndromes
- 2.10. Standardized NANDA-NIC-NOC Care Plans
  - 2.10.1. Nursing Assessment by Gordon Functional Patterns
  - 2.10.2. NANDA taxonomy nursing diagnoses
  - 2.10.3. Care planning according to NIC-NOC taxonomy

### Module 3. Stroke Code and Stroke Hospital Care

- 3.1. Code Stroke
  - 3.1.1. Activation Criteria Stroke Code
  - 3.1.2. Stroke Code Circuit
- 3.2. Ictus Code Attention in the Emergency Department
  - 3.2.1. Emergency Triage
  - 3.2.2. Emergency Nursing Care
- 3.3. Advanced Treatment in Acute Strokes
  - 3.3.1. Intravenous Fibrinolysis
  - 3.3.2. Vascular Neurointerventionism
- 3.4. Stroke Unit
  - 3.4.1. Stroke Unit Entry and Exit Criteria
- 3.5. Protocol Procedures in the Stroke Unit. Nursing Care
  - 3.5.1. Ischemic Stroke Protocol
  - 3.5.2. Ischemic Stroke Protocol with Heparin Treatment
  - 3.5.3. Ischemic stroke protocol with fibrinolytic treatment and/or vascular neurointerventional treatment
  - 3.5.4. Hemorrhagic Stroke Protocol
  - 3.5.5. Protocol Subarachnoid Hemorrhage
  - 3.5.6. Embolization-Angioplasty-Endarterectomy Protocol
- 3.6. Rehabilitation in the Acute Stroke Patient
  - 3.6.1. Importance of Early Rehabilitation in Acute Stroke
  - 3.6.2. Postural Treatment, Mobilizations and Transfers
- 3.7. Language and Swallowing. Nursing Care
  - 3.7.1. Aphasia and Specific Nursing Care
  - 3.7.2. Dysphagia Swallowing Test. Specific Nursing Care
- 3.8. Treatment of Cerebrovascular Diseases
  - 3.8.1. Pharmacological Treatments and Side Effects
- 3.9. Standardized NANDA-NIC-NOC Care Plans
  - 3.9.1. Nursing Assessment by Gordon Functional Patterns
  - 3.9.2. Nursing Diagnoses NANDA Taxonomy
  - 3.9.3. Care Planning According to NIC-NOC Taxonomy
- 3.10. Neurological Assessment. Scales and Glossary of Terms
  - 3.10.1. Neurological Assessment
  - 3.10.2. Scales: NIHHS, Canadian Scale, Glasgow Scale
  - 3.10.3. Dictionary of Terms

### Module 4. Epilepsy

- 4.1. Classification of Epilepsy
  - 4.1.1. Idiopathic Epilepsy
  - 4.1.2. Structural Epilepsy
  - 4.1.3. Epilepsy of Unknown Origin
- 4.2. Symptomatology and Classification of Epileptic Crises
  - 4.2.1. Signs and Symptoms
  - 4.2.2. Focal Origin
  - 4.2.3. Generalized Origin
  - 4.2.4. Unknown Origin
- 4.3. Causes of Epilepsy
  - 4.3.1. Casuistry
- 4.4. Diagnostic Tests in Epilepsy
  - 4.4.1. EEG
  - 4.4.2. Video-EEG Diagnosis
  - 4.4.3. Neuroimaging
- 4.5. Differential Diagnosis of Epileptic Seizures
  - 4.5.1. Syncope and Non-Epileptic Events of Psychogenic Origin
- 4.6. Status Epilepticus
  - 4.6.1. ICU Admission Criteria
- 4.7. Refractory Epilepsy
  - 4.7.1. Pre-Surgery Evaluation
  - 4.7.2. Epilepsy Surgery
- 4.8. Pharmacological Treatment of Epilepsy
  - 4.8.1. Indications for Treatment According to Type of Epilepsy
  - 4.8.2. Side Effects
- 4.9. Epilepsy Nursing Care
  - 4.9.1. Specific Crisis Care
  - 4.9.2. Specific Care in Epilepsy Surgeries
- 4.10. Standardized NANDA-NIC-NOC Care Plans
  - 4.10.1. Nursing Assessment by Gordon Functional Patterns
  - 4.10.2. Nursing diagnoses NANDA taxonomy
  - 4.10.3. Care planning according to NIC-NOC taxonomy

## Module 5. Mobility Disorders

- 5.1. Mobility Disorders
  - 5.1.1. Classification
- 5.2. Parkinson's Disease
- 5.3. Atypical Parkinsonisms
- 5.4. Dystonias
- 5.5. Huntington's Disease
- 5.6. Tremor and Myoclonus
- 5.7. Tourette Syndrome
- 5.8. Ataxias and Paraparesis
- 5.9. Treatment in Mobility Disorders
  - 5.9.1. Pharmacological Treatments and Side Effects
  - 5.9.2. Non-Pharmacological Treatment
- 5.10. Nursing Care in Mobility Disorders
  - 5.10.1. Specific Care in Parkinson's Disease
  - 5.10.2. Specific Care in Dystonia
  - 5.10.3. Specific Care in Huntington's Disease
  - 5.10.4. Specific Care in Tremors and Myoclonias
  - 5.10.5. Specific Care in Tourette's Syndrome
  - 5.10.6. Specific Care in Ataxias and Paraparesias
- 5.11. Standardized NANDA-NIC-NOC Care Plans
  - 5.11.1. Nursing Assessment by Gordon Functional Patterns
  - 5.11.2. Nursing Diagnoses NANDA Taxonomy
  - 5.11.3. Care Planning According to NIC-NOC Taxonomy





## Module 6. Multiple Sclerosis and Autoimmune CNS Diseases

- 6.1. Multiple Sclerosis
  - 6.1.1. Diagnosis
- 6.2. Multiple Sclerosis Diagnosis
- 6.3. Pathophysiology Multiple Sclerosis
  - 6.3.1. Immunology
  - 6.3.2. Treatment of Disease
- 6.4. Spectrum of Neuromyelitis Optica
- 6.5. Demyelinating Diseases of the CNS
- 6.6. CNS Manifestations in Systemic Autoimmune Diseases
- 6.7. Autoimmune Encephalitis
- 6.8. Treatments in Demyelinating and Autoimmune Diseases
  - 6.8.1. Pharmacological Treatments and Side Effects
  - 6.8.2. Non-Pharmacological Treatment
- 6.9. MS Nursing Care
  - 6.9.1. Specific Care in EM
  - 6.9.2. Specific Care in Demyelinating Diseases
  - 6.9.3. Specific Care in Autoimmune Diseases
- 6.10. Standardized NANDA-NIC-NOC Care Plans
  - 6.10.1. Nursing Assessment by Gordon Functional Patterns
  - 6.10.2. Nursing Diagnoses NANDA Taxonomy
  - 6.10.3. Care Planning According to NIC-NOC Taxonomy

## Module 7. Dementias and Cognitive Deterioration

- 7.1. Dementias and Cognitive Deterioration
  - 7.1.1. Risk Factors
- 7.2. Classification of Degenerative Dementias
  - 7.2.1. Primary Dementias
  - 7.2.2. Cortical Dementias
  - 7.2.3. Subcortical Dementias
- 7.3. Current diagnostic criteria for cognitive impairment and major degenerative dementias
- 7.4. Non-Degenerative Dementias
  - 7.4.1. Vascular Dementia
  - 7.4.2. Infectious Dementia
  - 7.4.3. Dementia Hydrocephalus
- 7.5. Neuropsychological Screening and Assessment Test
  - 7.5.1. Screening Test
  - 7.5.2. Appropriate Choice of Test Assessment
- 7.6. Treatments for Cognitive Impairment and Neuropsychiatric Symptoms
  - 7.6.1. Pharmacological Treatments and Side Effects
  - 7.6.2. Non-Pharmacological Treatment
- 7.7. Dementia Nursing Care
  - 7.7.1. Specific Care in Degenerative Dementias
  - 7.7.2. Specific Care in Non-Degenerative Dementias
- 7.8. Standardized NANDA-NIC-NOC Care Plans
  - 7.8.1. Nursing Assessment by Gordon Functional Patterns
  - 7.8.2. Nursing Diagnoses NANDA Taxonomy
  - 7.8.3. Care Planning According to NIC-NOC Taxonomy

## Module 8. Headaches

- 8.1. Primary Headaches
  - 8.1.1. Classification
  - 8.1.2. Epidemiology
  - 8.1.3. Medical History
  - 8.1.4. Exploration
- 8.2. Migraine
- 8.3. Chronic Migraine
- 8.4. Trigeminal Autonomic Cephalalgias
- 8.5. Other Primary Headaches
- 8.6. Secondary Headaches
- 8.7. Painful Cranial Neuropathies and Atypical Facial Pains
- 8.8. Headache in the Emergency Department. Headache in Special Situations
  - 8.8.1. Initial Triage. Diagnosis and Treatment
  - 8.8.2. Evaluation. Diagnosis and Treatment
- 8.9. Treatment on Headaches and Migraines
  - 8.9.1. Pharmacological Treatment. Side Effects. Preventive Treatment
  - 8.9.2. Anesthetic Blocks
  - 8.9.3. Botulinum toxin
  - 8.9.4. Deep Brain Stimulation (DBS)
  - 8.9.5. Trigeminal Neuralgia Surgery
- 8.10. Nursing Care in Headaches
  - 8.10.1. Specific Care in Headaches
  - 8.10.2. Specific Care in Trigeminal Neuralgia and DBS Surgeries
- 8.11. Standardized NANDA-NIC-NOC Care Plans
  - 8.11.1. Nursing Assessment by Gordon Functional Patterns
  - 8.11.2. Nursing Diagnoses NANDA Taxonomy
  - 8.11.3. Care Planning According to NIC-NOC Taxonomy



**Module 9. Neuromuscular Diseases**

- 9.1. Clinical History and Neuromuscular Examination
  - 9.1.1. Assessment and Anamnesis
  - 9.1.2. Assessment of Motor Function Deficits
- 9.2. Complementary Tests in the Study of Neuromuscular Diseases
  - 9.2.1. Immunological Tests
  - 9.2.2. Electromyogram
  - 9.2.3. Neuroimaging
- 9.3. Acquired and Genetic Myopathies
- 9.4. Muscular Dystrophies
- 9.5. Myasthenia and Myastheniform Syndromes
- 9.6. Acquired Polyneuropathies
- 9.7. Hereditary Neuropathies
- 9.8. Motor Neuron Diseases
- 9.9. Treatments for Neuromuscular Diseases
  - 9.9.1. Pharmacological Treatments and Side Effects
  - 9.9.2. Non-Pharmacological Treatment
- 9.10. Nursing Care in Neuromuscular Diseases
  - 9.10.1. Specific Care in Myopathies
  - 9.10.2. Specific Care in Dystrophies
  - 9.10.3. Specific Care in Myasthenia
  - 9.10.4. Specific Care in Polyneuropathies
  - 9.10.5. Specific Care in Hereditary Neuropathies
  - 9.10.6. Specific Care in Motor Neuron Diseases
- 9.11. Standardized NANDA-NIC-NOC Care Plans
  - 9.11.1. Nursing Assessment by Gordon Functional Patterns
  - 9.11.2. Nursing diagnoses NANDA taxonomy
  - 9.11.3. Care planning according to NIC-NOC taxonomy

**Module 10. Neurologic Oncology**

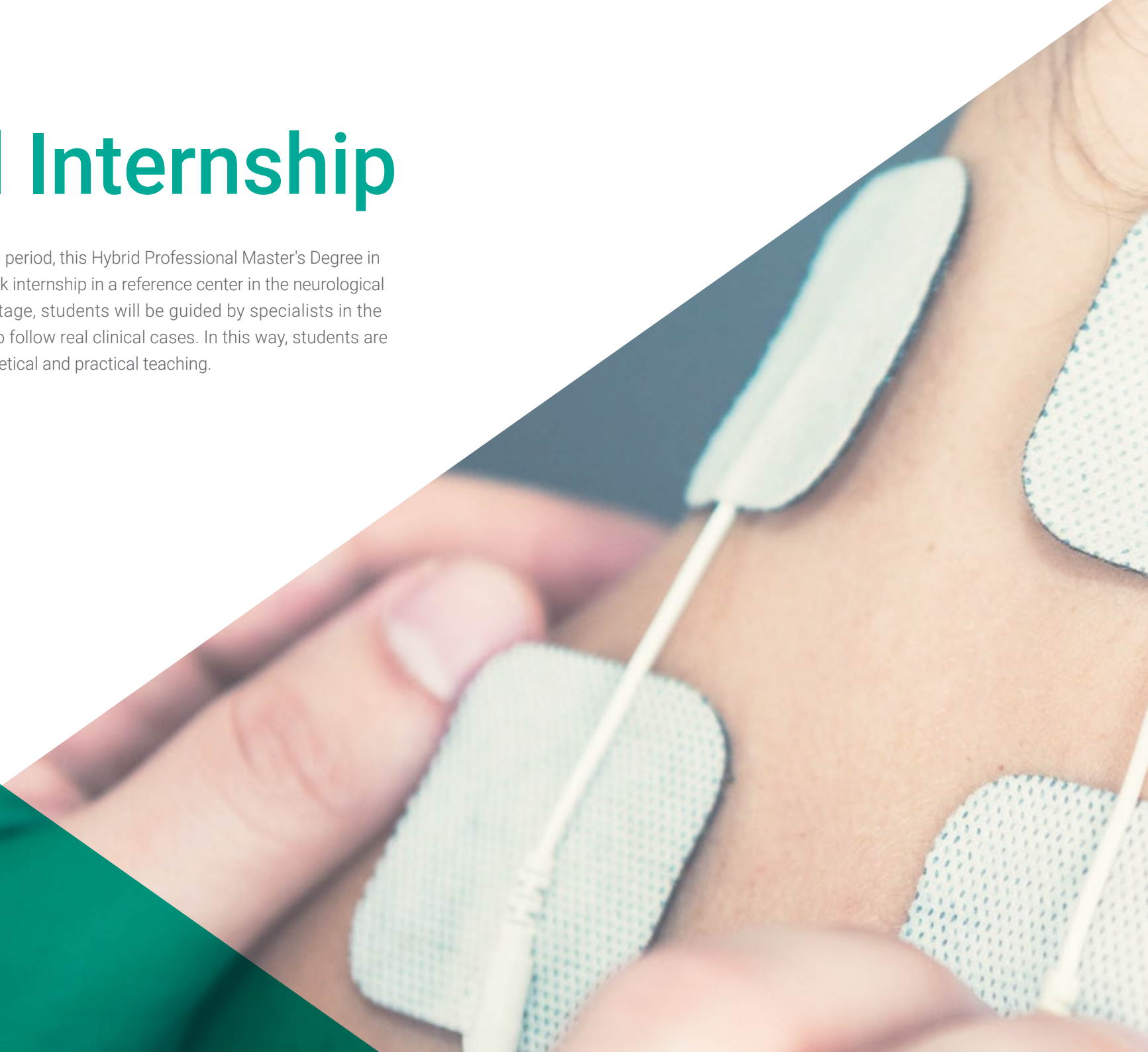
- 10.1. Primary Brain Tumors
  - 10.1.1. High Grade Glioma
  - 10.1.2. Low-Grade Glioma
- 10.2. Non-Glial Primary Brain Tumors
- 10.3. Cerebral Metastases and Meningeal Carcinomatosis
- 10.4. Neurological Complications of Chemotherapy and Immunotherapy
- 10.5. Neurological Complications of Radiotherapy
- 10.6. Paraneoplastic Syndromes
- 10.7. Hematological Neoplasms and their Neurological Complications
- 10.8. Treatments in Neurological Oncology
  - 10.8.1. Pharmacological Treatment
  - 10.8.2. Non-Pharmacological Treatment
  - 10.8.3. Surgical Treatments
- 10.9. General Tumor Nursing Care
  - 10.9.1. Specific Care in Tumors
  - 10.9.2. Specific Care for Tumors Requiring Surgery
  - 10.9.3. Specific Care for Tumors Requiring Chemotherapy
  - 10.9.4. Specific Care for Tumors Requiring Radiotherapy
- 10.10. NANDA-NIC-NOC Care Plans
  - 10.10.1. Nursing Assessment by Gordon Functional Patterns
  - 10.10.2. Nursing Diagnoses NANDA Taxonomy
  - 10.10.3. Care Planning According to NIC-NOC Taxonomy

**“** *You will combine theory and professional practice through a demanding and rewarding educational approach”*

07

# Clinical Internship

After completing the online learning period, this Hybrid Professional Master's Degree in Neurology Service includes a 3-week internship in a reference center in the neurological area. Therefore, throughout this stage, students will be guided by specialists in the field, with whom they will be able to follow real clinical cases. In this way, students are guaranteed to obtain the best theoretical and practical teaching.



A close-up photograph of a person's neck and shoulder area. Two circular, light blue ECG electrodes with a grid of small holes are attached to the skin. The person has long, dark brown hair. The background is a dark green, textured surface, possibly a medical drape or fabric.

“

*Complete your clinical internship in a prestigious specialized center and become a reputable nurse in your environment"*

The internship offered in this program takes place over 3 weeks, with an intensive schedule from Monday to Friday, 8 hours a day. This will ensure that students receive continuous and fluent practical teaching, through which they will be in contact with real clinical cases. They will also be accompanied at all times by experts in the discipline, so they will learn from specialists who have a deep knowledge of this subject.

In this way, this Hybrid Professional Master's Degree program includes an internship that will help to complement the learning of the theoretical contents taught in an online format. It is, therefore, a decisive phase of this program, since it will be the moment to observe and put into practice what has been previously learned.

Access to real patients is essential to be able to understand all the procedures and key concepts developed in the program. For this reason, nursing professionals who take this program will be able to learn first-hand about 100% real cases in which to apply what they have learned.

The practical part 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 teachers and other fellow trainees that facilitate teamwork and multidisciplinary integration as transversal competencies for clinical nursing practice (learning to be and learning to relate).

The procedures described below will form the basis of the practical part of the internship, and their implementation 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:





Module	Practical Activity
<b>Protocols for hospital care of stroke patients</b>	Implement the Stroke Code in the patient with signs of suffering from this condition
	Establish the specific care in the rehabilitation of the patient with acute stroke
	Evaluate, applying specific nursing care, language and swallowing in stroke patients
<b>Cerebrovascular and neuromuscular disease care</b>	Nursing techniques in Transient Ischemic Attack
	Assist in the specific care of acute ischemic stroke
	Evaluate and provide nursing care for cerebral and subarachnoid hemorrhages, as well as cerebral venous thrombosis
	Perform complementary nursing tests in the study of neuromuscular diseases
	Test the patient with muscular dystrophies, myasthenia, acquired neuropathies and motor neuron diseases
<b>Nursing techniques and protocols in epilepsy and movement disorders</b>	Provide specific care for the patient with epilepsy
	Establish and follow the protocols of action nursing protocols for movement disorders
	Provide nursing care to patients with Parkinson's disease, taking into account their symptomatological picture
	Nursing approach to dystonia, Huntington's, myoclonus and Tourette's syndrome care
<b>Specific Care in Autoimmune and Infectious Diseases</b>	Evaluate, following the most up-to-date nursing protocols, the patient with bacterial infections and parasitic diseases of the CNS
	Performing the examination of the patient with autoimmune encephalitis
	Provide specific nursing care in the treatment of demyelinating and autoimmune diseases
<b>Specific care in multiple sclerosis, headaches, dementia and cognitive impairment</b>	Apply the appropriate care for patients with Multiple Sclerosis, attending to their specific needs
	Evaluate, applying the specific examination methods of Nursing, the patient with Dementia and cognitive impairment, as well as in non-degenerative Dementias
	Perform screening test and neuropsychological evaluation of the patient with dementia
	Assist in the evaluation of patients with primary headaches, migraines and painful cranial neuropathies
<b>Nursing Techniques in Neurological Oncology</b>	Provide care for the patient with tumors
	Assist in the evaluation of the patient with primary and primary non-glial brain tumors
	Establish an adequate assistance, and following the latest postulates, in the patient with chemotherapy and radiotherapy

## 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 entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship 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 student 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?

The clinical internships of this Hybrid Professional Master's Degree in Neurology Service can be carried out in a high-level center specialized in this health field. This stage of the program is one of the most important, since it will be the moment when the knowledge learned will be put into practice, thanks to the access and follow-up of real patients with this type of pathology, all of this under the supervision of renowned specialists.







“

*Access to an internship in a reference center in the field of neurology and get numerous career opportunities”*



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



Nursing

### ASPAYM Principado de Asturias

Country	City
Spain	Asturias

Address: Av. Roma, 4, 33011 Oviedo, Asturias

National federation dedicated to the physical and mental promotion of patients.

**Related internship programs:**

- Neurological Physiotherapy
- Neurodegenerative Diseases



Nursing

### 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



Nursing

### 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



Nursing

### Hospital HM Rosaleda

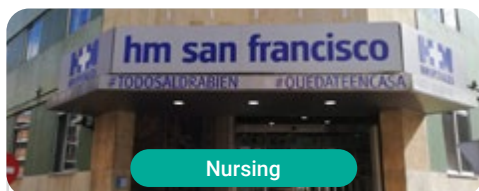
Country	City
Spain	La Coruña

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



Nursing

### 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
- Nursing in the Traumatology Department



Nursing

### 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



Nursing

### Hospital HM Nou Delfos

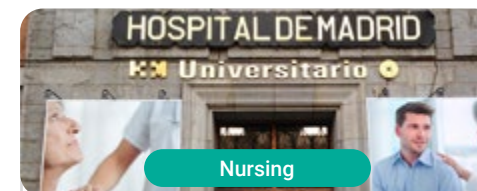
Country	City
Spain	Barcelona

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



Nursing

### 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



Nursing

### Hospital HM Montepríncipe

Country: Spain City: 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



Nursing

### Hospital HM Torrelodones

Country: Spain City: 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



Nursing

### Hospital HM Sanchinarro

Country: Spain City: 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



Nursing

### Hospital HM Nuevo Belén

Country: Spain City: 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



Nursing

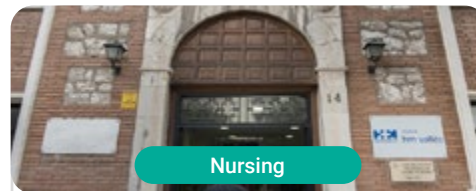
### Hospital HM Puerta del Sur

Country: Spain City: 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



Nursing

### Hospital HM Vallés

Country: Spain City: 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



Nursing

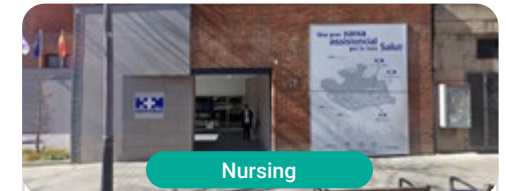
### HM CINAC - Centro Integral de Neurociencias

Country: Spain City: Madrid

Address: Avenida Carlos V, 70, 28938, Móstoles, Madrid

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

- Related internship programs:**
- Neurological Physiotherapy



Nursing

### HM CIOCC Barcelona

Country: Spain City: Barcelona

Address: Avenida de Vallcarca, 151, 08023, Barcelona

Network of private clinics, hospitals and specialized centers distributed throughout the country. Spanish geography

- Related internship programs:**
- Advances in Hematology and Hemotherapy
  - Oncology Nursing



Nursing

### Policlínico HM Arapiles

Country	City
Spain	Madrid

Address: C. de Arapiles, 8, 28015, Madrid

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

**Related internship programs:**

- Anaesthesiology and Resuscitation
- Pediatric Dentistry



Nursing

### Policlínico HM Cruz Verde

Country	City
Spain	Madrid

Address: Plaza de la Cruz Verde, 1-3, 28807, Alcalá de Henares, Madrid

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

**Related internship programs:**

- Advanced Clinical Podiatry
- Optical Technologies and Clinical Optometry



Nursing

### Policlínico HM Distrito Telefónica

Country	City
Spain	Madrid

Address: Ronda de la Comunicación, 28050, Madrid

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

**Related internship programs:**

- Optical Technologies and Clinical Optometry
- General and Digestive System Surgery



Nursing

### Policlínico HM Matogrande

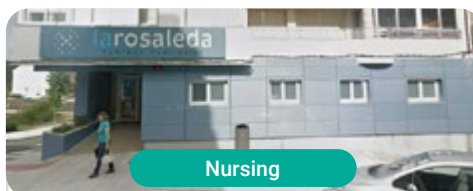
Country	City
Spain	La Coruña

Address: R. Enrique Mariñas Romero, 32G, 2º, 15009, A Coruña

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

**Related internship programs:**

- Sports Physiotherapy
- Neurodegenerative Diseases



Nursing

### Policlínico HM Rosaleda Lalín

Country	City
Spain	Pontevedra

Address: Av. Buenos Aires, 102, 36500, Lalín, Pontevedra

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

**Related internship programs:**

- Advances in Hematology and Hemotherapy
- Neurological Physiotherapy



Nursing

### Policlínico HM Imi Toledo

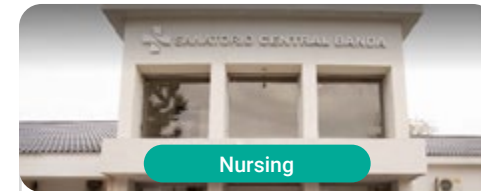
Country	City
Spain	Toledo

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



Nursing

### Sanatorio Central Banda

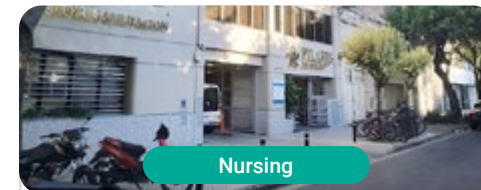
Country: Argentina  
City: Santiago del Estero

Address: Amadeo Jacques N° 175 4300,  
La Banda, Santiago del Estero

Clinical center for comprehensive inpatient and surgical care

**Related internship programs:**

- Hepatology
- Primary Care Clinical Ultrasound



Nursing

### Pilares del Rosario

Country: Argentina  
City: Santa Fe

Address: Paraguay 2041 Rosario, Santa Fe

Comprehensive neurorehabilitation clinic for adults and children.

**Related internship programs:**

- Physiotherapy in Early Care
- Hyperbaric Medicine

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 Nursing School we use the Case Method

In a given situation, what should a professional do? 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. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology 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, in an attempt to recreate the real conditions in professional nursing 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. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



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

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

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*Relearning will allow you to learn with less effort and better performance, involving you more in your 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 really specific and precise.

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



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, 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 them as many times as you want.



### Interactive Summaries

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

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



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Retesting**

The student's knowledge is periodically assessed and re-assessed throughout the program, through evaluative and self-evaluative activities and exercises: in this way, students can check how they are doing in terms of achieving their goals.



**Classes**

There is scientific evidence suggesting that observing third-party experts can be useful.  
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 Neurology Nursing 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 Global University.



“

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

This program will allow you to obtain your **Hybrid Professional Master's Degree diploma in Neurology Nursing**, endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

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

Title: **Hybrid Professional Master's Degree in Neurology Nursing**

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

Duration: **12 months**

Certificate: **TECH Global University**

Recognition: **60 + 5 ECTS Credits**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service information  
knowledge present quality  
online learning  
development languages  
classroom



## Hybrid Professional Master's Degree

### Neurology Nursing

Modality: Hybrid (Online + Clinical Internship)

Duration: 12 months

Certificate: TECH Global University

60 + 5 ECTS Credits

# Hybrid Professional Master's Degree

## Neurology Nursing

