

Postgraduate Certificate Neurologic Oncology for Nursing





Postgraduate Certificate Neurologic Oncology for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/nursing/postgraduate-certificate/neurologic-oncology-nursing

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01

Introduction

Although primary brain tumors have a low percentage with respect to neoplasms in the general population, they have a high morbimortality. Therefore, this program addresses the neurological complications associated with these tumors. The fact is that nursing care in neurological oncology is one of the care programs that requires the most nursing personnel, making a program such as this one essential for professionals working in this area. Thus, this curriculum proposes the knowledge of specific care that favors the quality of the nursing professional's work in this regard, improving the condition of the patients concerned. Therefore, this program is designed to provide the latest advances and developments in treatment and nursing care in the different pathologies presented in neurological oncology.



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Master the specific care required by neurological oncology patients and deliver improvements in their condition with the confidence that you are proceeding appropriately with this TECH qualification"

This program covers the main neurological problems caused by tumors, metastases and hematological neoplasms affecting the central nervous system. Although primary brain tumors have a low percentage with respect to neoplasms in the general population, they have a high morbimortality. Therefore, this program addresses the neurological complications associated with these tumors.

Likewise, the most commonly used treatments in neuro-oncology, either surgical or chemotherapy and radiotherapy and their most common complications will be detailed.

Finally, the most up-to-date treatments and specific nursing care in tumor processes will be defined, in such a way that this knowledge is integrated to be able to perform a specific assessment by functional patterns and diagnose according to NANDA taxonomy, planning outcome criteria based on NOC taxonomy and nursing interventions in accordance with NIC taxonomy.

In addition, as it is a 100% online Postgraduate Certificate, it provides the student with the ease of being able to take it comfortably, wherever and whenever the student chooses. All you need is a device with internet access to take your career one step further. A modality according to the current times with all the guarantees to position the nurse in a highly demanded area.

This **Postgraduate Certificate in Neurologic Oncology for Nurses** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- ♦ Development of more than 100 case studies presented by experts in neurological nursing
- ♦ Its graphic, schematic and eminently practical contents, which are designed to provide essential scientific and assistance information for professional practice
- ♦ Latest developments in neurological nursing
- ♦ Contains practical exercises
- ♦ Theoretical lessons, questions to the expert and clinical cases for individual reflection
- ♦ Content that is accessible from any fixed or portable device with an Internet connection
- ♦ Multimedia content developed with the latest educational technology, which will allow the professional a situated and contextual learning, i.e. a simulated environment that will provide an immersive learning programmed to train in real situations



Learn which are the most commonly used treatments in neuroncology, either surgical or chemotherapy and radiotherapy and their most common complications"

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With this Postgraduate Certificate you will specialize in highly demanded functions in healthcare, which, now more than ever, is looking for professionals like you"

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

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

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

Acquiring knowledge and fundamentals of neurological oncology and integrating them into nursing practice is possible thanks to this TECH program.

You will learn to use NANDA-NIC-NOC nursing taxonomy for the planning and assessment of care required in neurological oncology.



02 Objectives

The Postgraduate Certificate in Neurological Oncology for Nurses is aimed at facilitating the performance of nurses dedicated to the treatment and care of patients with these pathologies, whose condition can be improved thanks to specific treatments. This requires a high level of competence and training to avoid possible complications and improve the level of self-care. With this Postgraduate Certificate, the nurse will be trained in the treatment required by patients in this area, with rigor and professionalism, in order to achieve the following proposed objectives, distributed in general and specific, for greater satisfaction of the future graduate on the way to his or her professional goal.





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Update your knowledge on brain metastasis and meningeal carcinomatosis thanks to this program developed by nursing professionals"



General Objectives

- Learn and integrate general nursing care in the main neurological pathologies
- Perform standardized care plans, acquiring knowledge on how to perform nursing assessments according to functional patterns and use NANDA-NIC-NOC nursing taxonomy for care planning and evaluation
- Acquire knowledge and fundamentals of the pathophysiology of cerebrovascular diseases, epilepsy, movement disorders, multiple sclerosis, dementia, headache, neuromuscular diseases, neurological oncology and CNS infectious diseases and integrate them into nursing practice
- Understand the Necessary Knowledge in Physiopathology of Neurological Diseases
- 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





Specific Objectives

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

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You will deepen your knowledge of neurological complications of chemotherapy, radiation therapy and immunology together with the best professionals"

03

Course Management

In its maxim of offering an elite education for all, TECH relies on renowned professionals to provide the student with a solid knowledge in the nursing-focused specialty of Neurologic Oncology. For this reason, this Postgraduate Certificate has a highly qualified team with extensive experience in the sector, which will offer the best tools for the student in the development of their skills during the course. In this way, the student has the guarantees required to specialize in an environment that requires precision and determination, oriented to the well-being and improvement of the patient, with full attention to their evolution.



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Develop yourself professionally with the best team of experts who provide you with the tools you need to thrive safely in this area of nursing”

Management



D. Cano Manchón, Antonio Rafael

- Nursing Supervisor of the Neurology-Neurosurgery- Stroke Unit of the University Hospital La Princesa
- Associate Professor of the Faculty of Nursing at the Autonomous University of Madrid, belonging to the Faculty of Medicine
- Degree in Nursing



Professors

Ms. Sanz de la Plaza, Carmen

- ♦ Nurse Assistant in the Neurology-Neurosurgery- Stroke Unit of the University Hospital La Princesa
- ♦ Nurse Expert in Neuroncology Nursing Care
- ♦ Degree in Nursing

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An impressive teaching staff, made up of active professionals, will be in charge of accompanying you throughout your training: a unique opportunity not to be missed"

04

Structure and Content

The structure of the contents of this Postgraduate Certificate has been designed by a team of nursing professionals from a leading hospital in neurological care at all levels, aware of the relevance of current specialization in cerebrovascular diseases. Thus, they warn of the need for qualified nurses in the area of neurological oncology, which is why they have designed this program.



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This program covers the knowledge of tumors and brain metastases, among others, so that the nurse can deal with the care of all types of oncological situations of neurology”

Module 1. Neurologic Oncology

- 1.1. Primary Brain Tumors
 - 1.1.1. High-Grade Gliomas
 - 1.1.2. Low-Grade Gliomas
- 1.2. Non-Glial Primary Brain Tumors
- 1.3. Brain Metastases and Meningeal Carcinomatosis
- 1.4. Neurological Complications of Chemotherapy and Immunotherapy
- 1.5. Neurological Complications of Radiotherapy
- 1.6. Paraneoplastic Syndromes
- 1.7. Hematological Neoplasms and their Neurological Complications
- 1.8. Treatments in Neurological Oncology
 - 1.8.1. Pharmacological Treatment.
 - 1.8.2. Non-Pharmacological Treatment
 - 1.8.3. Surgical Treatments
- 1.9. General Tumor Nursing Care
 - 1.9.1. Specific Care in Tumors
 - 1.9.2. Specific Care for Tumors Requiring Surgery
 - 1.9.3. Specific Care for Tumors Requiring Chemotherapy
 - 1.9.4. Specific Care for Tumors Requiring Radiotherapy
- 1.10. NANDA-NIC-NOC Care Plans.
 - 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





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With this Postgraduate Certificate you will learn in depth about the neurological complications of chemotherapy, immunotherapy and radiotherapy to know how to proceed correctly and rigorously in each case"

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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 assess 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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

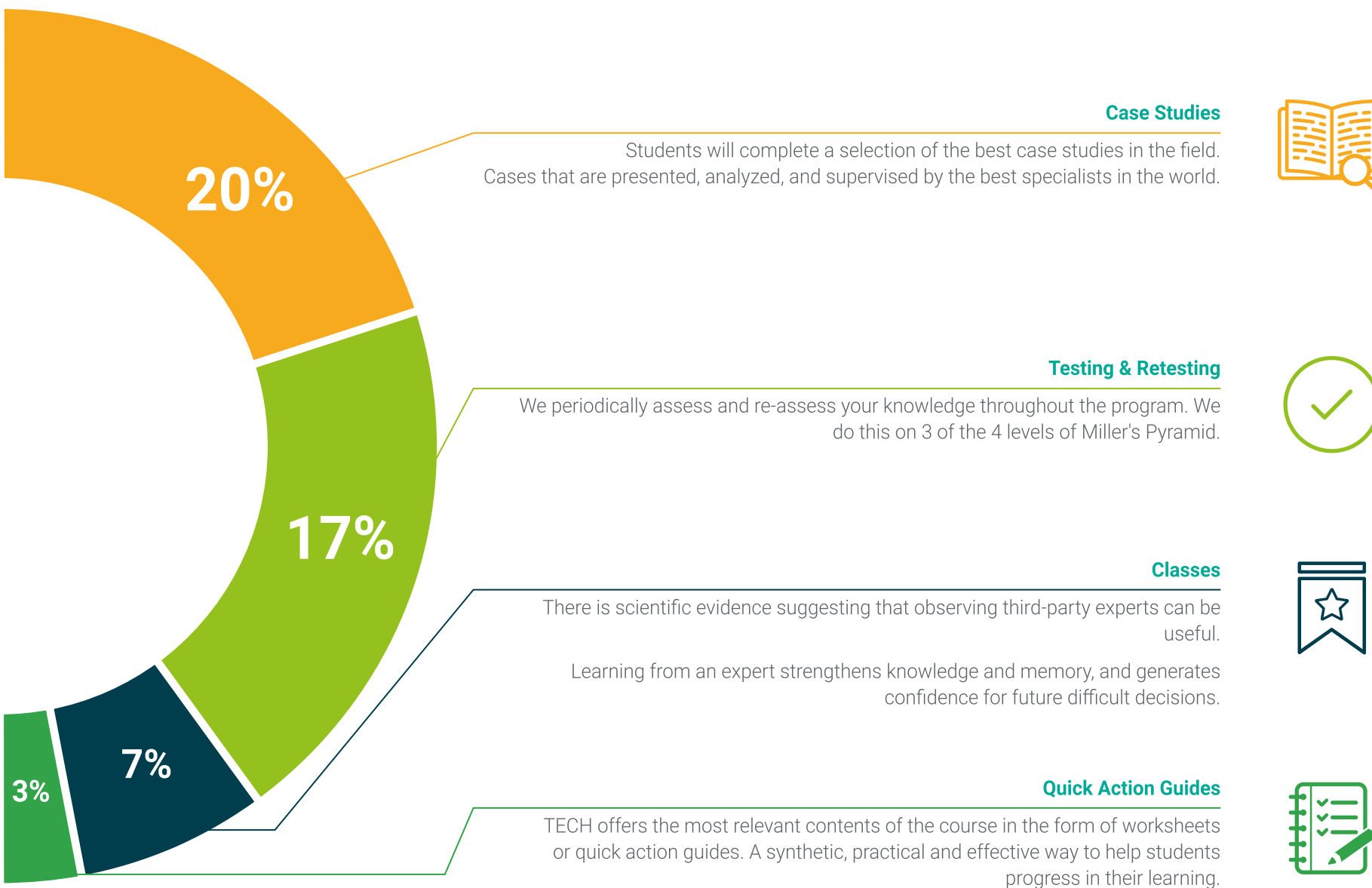
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

The Postgraduate Certificate in Neurologic Oncology for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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*Successfully complete this master's and
receive your university degree without travel
or laborious paperwork"*

This private qualification will allow you to obtain a **Postgraduate Certificate in Neurologic Oncology for 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** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Neurologic Oncology for Nursing**

Modality: **online**

Duration: **6 Weeks**

Accreditation: **6 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
online training
development language
virtual classroom



Postgraduate Certificate Neurologic Oncology for Nursing

- » Modality: online
- » Duration: 6 weeks
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- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

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