

Postgraduate Certificate Neurologic Oncology for Nursing





Postgraduate Certificate Neurologic Oncology for Nursing

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

Website: www.techtute.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

Methodology

This training program offers a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.



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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH 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. Gervas, 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.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

The effectiveness of the method is justified by four fundamental achievements:

1. 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 Harvard 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 high 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 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.



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 multimedia content presentation training Exclusive system 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.



06 Certificate

The Postgraduate Certificate in Neurological Oncology for Nurses guarantees the student, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate diploma issued by TECH Technological University.



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

This **Postgraduate Certificate in Neurologic Oncology for Nurses** contains the most complete and up-to-date scientific program on the market.

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

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

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

Official N° of hours: **150 h.**



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

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



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