Postgraduate Certificate

Dementias and Cognitive Impairment for Nursing

tech global university

tech global university

Postgraduate Certificate
Dementias and Cognitive Impairment for Nursing

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

Website: **www.techtitute.com/nursing/postgraduate-certificate/dementias-cognitive-impairment-nursing**

Index

01
Introduction

Nursing care of neurological patients with dementia and other cognitive impairments is one of the most common care situations encountered by nurses in their daily practice, so a program like this one is essential for professionals in this area. In this way, this curriculum proposes the knowledge to be taken into account when dealing with these degenerative clinical syndromes, such as Alzheimer's disease. As such, training in nursing methodology for neurological patients is necessary, specific care that favors the quality of the nursing professional's work and improves satisfaction in people who require specialized care, since they are more dependent. Therefore, this program is designed to provide the latest advances and innovations in treatment and nursing care for the different pathologies presented.

Master the specific care required by neurological patients with cognitive impairment and dementia and contribute to improving their quality of life through this TECH qualification"

This Postgraduate Certificate will provide a comprehensive review of dementia and cognitive impairment, clinical syndromes that lead to a progressive loss of autonomy that negatively influences the performance of basic activities of daily living. As life expectancy increases, cases of dementia increase exponentially. Statistics confirm that dementia is the main cause of disability and dependence in the elderly. The syllabus focuses in particular on Alzheimer's disease, which is the most common cause of dementia (between 60% and 80%).

Similarly, the program addresses the etiopathogenesis of the main dementias, their classification and the importance of the nursing role in the diagnosis and treatment of neuropsychiatric symptoms.

Finally, the syllabus defines the most up-to-date treatments and specific nursing care in Dementias and Cognitive Impairment, 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 according to NOC taxonomy and nursing interventions according to NIC taxonomy.

In addition, as it is a 100% online course, it provides the student with the ease of being able to take it comfortably, wherever and whenever they want. 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 Dementias and Cognitive Impairment for Nursing** contains the most complete and up-to-date program on the market. The most important features of the program include:

- Development of more than 100 practical case studies presented by experts in neurological nursing. Its graphic, schematic and 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 experts 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, that is, a simulated environment that will provide an immersive learning programmed to train in real situations.

Learn to treat Alzheimer's patients safely and rigorously by implementing the knowledge of this Postgraduate Certificate in your daily practice"

You will discover the current diagnostic criteria for cognitive impairment and the main degenerative dementias thanks to quality content that is unmatched in the market.

Learn to distinguish between the types of non-degenerative dementias: vascular, infectious and hydrocephalus dementia and use the appropriate nursing care for each case.

With this course you will acquire the necessary knowledge to treat neurological diseases that lead to cognitive impairment, something highly demanded by experts in the sector"
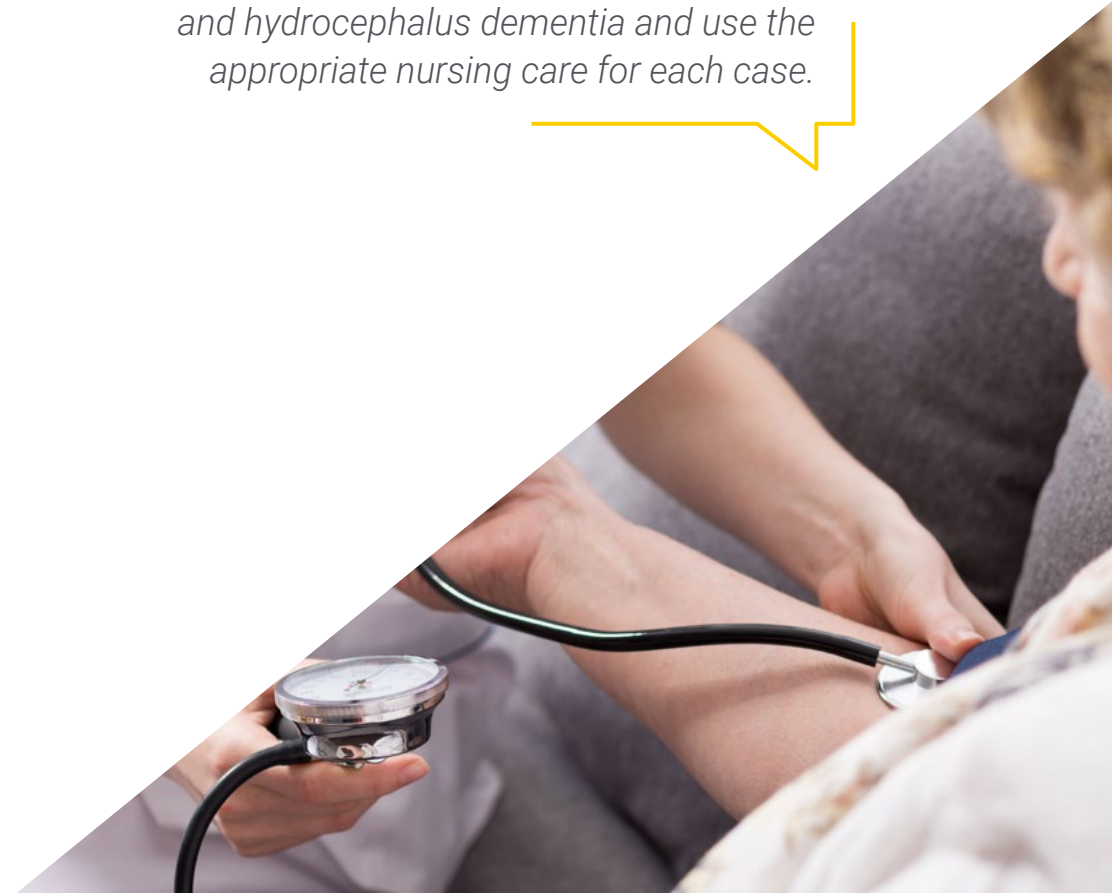
The program's teaching staff includes professionals from the sector who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

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.

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 professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

Objectives

The Postgraduate Certificate in Dementias and Cognitive Impairment for Nursing is aimed at facilitating the performance of nurses dedicated to the treatment and care of patients with these pathologies, from Alzheimer's disease to the etiopathogenesis of neuromuscular diseases, which are those that cause problems in the nerves that control the muscular system. 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 by module, for greater satisfaction of the future graduates on the way to their professional goal.

You will update your knowledge of Alzheimer's disease and other degenerative dementias, at the same time that you will carry out a neuropsychological assessment with the best experts"

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

♦ 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

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

" You will learn and expand your knowledge of the symptomatology of dementias, which will guide you to the specific nursing care used for people that suffer from them"

Course Management

In its maxim of offering an elite education for all, TECH relies on renowned professionals so that the student acquires a solid knowledge in the nursing-focused specialty of diseases that lead to cognitive impairment, as well as dementias. For this reason, this Postgraduate Certificate has a highly qualified team with extensive experience in the sector, which will offer the best possible resources for students in the development of their skills during the course. In this way, the students have the guarantees they need to specialize in an environment that requires precision, patience and determination, oriented to the well-being and improvement of the patient, with full attention to their evolution.

Experts in the advanced practice of the latest medical care for the cognitively impaired have created this Postgraduate Certificate especially for you"

Management

Mr. Cano Manchón, Antonio Rafael

- Nursing Supervisor of the Neurology-Neurosurgery- Stroke Unit of the University Hospital of 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

Belascoaín Gómez, María Rocío

- Nurse Assistant in the Neurology-Neurosurgery- Stroke Unit of the University Hospital la Princesa.
- Advanced Practice Nurse in Headache and Dementia Nursing Specialty Practice
- Degree in Nursing

An impressive teaching staff, made up of active professionals, will be in charge of accompanying you throughout the program: 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 cognitive impairment and dementia diseases. In this way, they warn of the need to have nurses qualified in the treatment of these pathologies, which is why they have designed this program. Committed to quality teaching through new educational technologies, they have established a curriculum whose syllabus offers a broad perspective on the performance of the functions of the nurse in this area of health, with which you will expand your knowledge and acquire full competence for your day-to-day work, knowing that you also have the support of a team of experts and the quality guarantee of TECH, a prestigious university.

"This program emphasizes the importance of having nurses who are highly trained and specialized in the management of Alzheimer's patients, a quality that is in high demand in nurses today"

Module 1. Dementias and Cognitive Impairment

1.1.   Dementia and Cognitive Impairment

1.1.1.   Risk Factors

1.2.   Classification of Degenerative Dementias

1.2.1.   Primary Dementias

1.2.2.   Cortical Dementias

1.2.3.   Subcortical Dementias

1.3.   Current Diagnostic Criteria for Cognitive Impairment and Major Degenerative Dementias

1.4.   Non-Degenerative Dementias

1.4.1.   Vascular Dementia

1.4.2.   Infectious Dementia

1.4.3.   Dementia Hydrocephalus

1.5.   Neuropsychological Screening and Assessment Test

1.5.1.   Screening Test

1.5.2.   Appropriate Choice of Test Assessment

1.6.   Treatments for Cognitive Impairment and Neuropsychiatric Symptoms

1.6.1.   Pharmacological Treatments and Side Effects

1.6.2.   Non-Pharmacological Treatment

1.7.   Dementia Nursing Care

1.7.1.   Specific Care in Degenerative Dementias

1.7.2.   Specific Care in Non-Degenerative Dementias

1.8.   Standardized NANDA-NIC-NOC Care Plans

1.8.1.   Nursing Assessment by Gordon Functional Patterns

1.8.2.   Nursing Diagnoses NANDA Taxonomy

1.8.3.   Care Planning According to NIC-NOC Taxonomy

If you need to delve into treatments for cognitive impairment and neuropsychiatric symptoms, this program is for you"

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 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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

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.

20%

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

17%

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.

3%   **7%**

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 Dementias and Cognitive Impairment 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.

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

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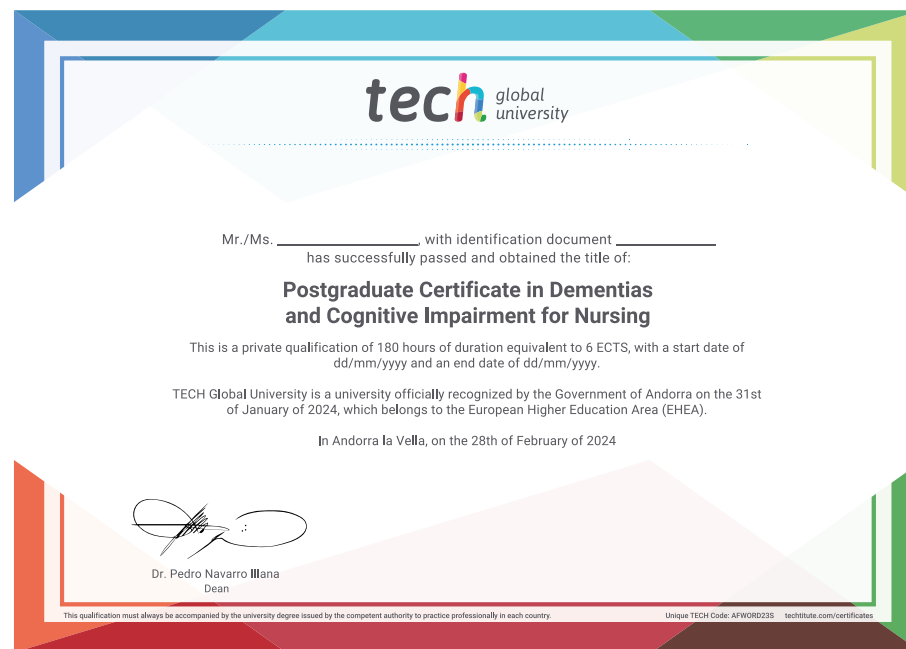
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Dementias and Cognitive Impairment for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Dementias and Cognitive Impairment for Nursing

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

tech global university

Postgraduate Certificate
Dementias
and Cognitive Impairment
for Nursing

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

Postgraduate Certificate
Dementias and Cognitive Impairment for Nursing

tech global university