Postgraduate Certificate
Predialysis for Nursing

tech **global university**

Postgraduate Certificate
Predialysis for Nursing

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Credits: **4 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/nursing/postgraduate-certificate/predialysis-nursing**

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01
Introduction

Chronic Kidney Disease is a growing problem worldwide. In Spain, according to the results of the EPIRCE study (Epidemiology of Chronic Renal Failure in Spain), it is estimated that approximately 10% of the adult population suffer from CKD. The percentage was 6.8% for stages 3-5, although there were important differences with age (3.3% between 40-64 years and 21.4% for those older than 64 years).

Improve your knowledge through this program, where you will find the best teaching material with real clinical cases. Learn with us about the latest advances in the specialty to be able to perform quality nursing practice.

Nursing plays a decisive role in the care of the patient with chronic kidney disease, both from its onset and in later stages. In addition to skill in renal replacement techniques such as the acquisition of specific professional competencies, specific and quality care is required in the different stages of renal disease.

The care of the nephrological patient, including renal function replacement techniques, has made significant advances in recent years, both in terms of renal transplantation and the health care of the nephrological patient, requiring specialized and continuous education for nurses. Such specialized education is rarely found in standard curricular learning, so many nurses are unaware of important aspects of caring for these patients. Education in this sense is necessary to guarantee a minimum quality of care.

This **Postgraduate Certificate in Hemodialysis for 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 experts in nephrology nursing
- The graphic, schematic, and practical contents with which they are created, provide scientific and healthcare training on those medical disciplines that are essential to professional practice
- Diagnostic and therapeutic developments on the performance in Predialysis for Nursing
- An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- With a special emphasis on evidence-based medicine and nursing research methodologies in the renal patient
- All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

Increase your skills in the approach to Predialysis for Nursing through this program"

This Postgraduate Certificate is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Predialysis for Nursing, you will obtain a certificate endorsed by TECH Technological University"

This Postgraduate Certificate allows learning in simulated environments, which provide immersive learning programmed to prepare for real situations.

It includes clinical cases to bring the development of the program as close as possible to the reality of nursing care.

Its teaching staff includes health professionals in the field of nephrological nursing, who bring to this program their work experience, in addition to recognized specialists belonging to leading scientific societies.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise throughout the program. This will be done with the help of an innovative interactive video system developed by recognized experts in the field of nephrology nursing with extensive teaching experience.

02
Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nurse can master Predialysis in a practical and rigorous way.

"This refresher program will generate a sense of confidence when practicing nursing, which will help you grow both personally and professionally"

General Objectives

- Revise the most common procedures, techniques and care methods in routine clinical practice when dealing with patients with chronic kidney disease

- Optimize the quality and care of transplanted patients, providing more qualified healthcare professionals

- Develop competencies and skills for the comprehensive approach and management of the renal patient

Make the most of this opportunity and take the step to get up to date on the latest developments in Predialysis for Nursing"

Specific Objectives

- Acquire the necessary knowledge to guarantee quality care of a patient during the Predialysis program
- Train and educate students in the knowledge of the different techniques of renal replacement therapy
- Gain up-to-date knowledge of the care required by the patient in a pre-dialysis program
- Describe the importance of education in the management of this disease and self-care

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of nephrological nursing, and who pour into this program the experience of their work.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and developing the program.

Learn from leading professionals the latest advances in Predialysis for Nursing"

Management

Ms. Molina Fuillerat, Ruth

- Specialist Nurse in Nephrology and Dialysis
- Co-creator of the 24-hour Dialysis App
- Nurse Specialist in the hemodialysis unit at Campus de la Salud Hospital, Granada
- Nurse Specialist in the Ophthalmology Unit, Virgen de las Nieves Hospital, Granada.
- Specialist Physician in the Dialysis Area of the Clinical Hospital San Cecilio, Granada
- Nurse Specialist in the Dialysis Unit of the Doctor Negrin Hospital in Las Palmas de Gran Canaria
- Nurse Specialist in the Dialysis Unit of the Torrecárdenas Hospital, Almería
- Accésit Albert Jovell Award 2016 Accésit to Diálisis 24h app for "Best initiative that improves patients' health outcomes, developed by healthcare professionals, individually or as a team"
- 1st prize Hinnovar de Novartis, 2014 edition, Hospital Management Category
- Accésit Professor Barea Award 2015 "Effect of a support tool on adherence to treatment, anxiety and quality of life of dialysis patients".
- Award for the isysCore Foundation, naming Dialysis 24h as the second best app in Spain
- Diploma in Nursing. Cádiz University

Professors

Ms. Bravo Bazán, Marina

- Nurse Specialist in the Hemodialysis Department
- Nurse of the Nephrology CMU, Hemodialysis Service, Virgen de Las Nieves Hospital Granada, Spain
- University Teacher
- Diploma in Nursing

Ms. Frasquet Morant, Julia

- Nurse in the Intensive Care Unit of the Dr. Negrín University Hospital of Valencia. Las Palmas de Gran Canaria, Spain
- Diploma in Nursing. Clinical Hospital of Valencia
- Member of the Board of Directors for the Canary Islands of AECPAL, Spanish Association of Palliative Care Nursing

Ms. Pérez Jiménez, María Teresa

- Palliative Care Nurse Practitioner
- Nurse of the Palliative Care Home Support Team. Regional University Hospital of Málaga
- Nurse in the Acute Mental Health Unit. Civil Hospital, Málaga
- Contributing writer in the Nursing section of the Fanzine, nuestraenfermeria.es
- Nurse in the Child and Adolescent Psychiatry Unit. Son Espases University Hospital, Balearic Islands
- Coordinator of the Digital Magazine "Redes de Dirección de Enfermería" of the Son Espases Hospital
- Communicational Management and events of Mental Health Nursing, psiquitria.com
- President of the International Virtual Congress of Mental Health Nursing, editions I and II
- Nurse. La Ribera University Hospital, Valencia.
- Nurse. Francesc de Borja Hospital, Valencia
- Diploma in Nursing. University of Jaén
- Master's Degree in Nursing Management. CEU Cardenal Herrera University
- Master's Degree in Digital Health. Miguel de Cervantes European University

Mr. Arenas Bonilla, Manuel Fernando

- Hemodialysis Service Nurse, Torrecárdenas Hospital. Almeria, Spain
- University Professor
- Diploma in Nursing

Ms. Cruz Gómez, Sandra

- Diploma in Nursing
- Surgical Nurse
- Santa Ana Motril Hospital Granada, Spain

Mr. Aguilar Amores, Manuel Salvador

- Dialysis Product Applications Specialist
- Dialysis and Renal Transplant Nurse. Andalusian Health Service
- Primary Care Nurse
- University Professor
- Diploma in Nursing. University of Seville
- Master's Degree in Nephrology Nursing. International University of Andalusia
- Expert in Pediatric Hemodialysis for Nursing. CEU Cardenal Herrera University
- University Expert, Human Resources Management in Nursing. National University of Distance Education - UNED
- 2019 Award from the Alcer Renal Foundation, Area of Dialysis and Prevention of Chronic and Advanced Kidney Disease. For the national initiative ##HemodiálisisBaila
- Baxter Research Award, issued by EDTNA/ERCA associated with SAS

Ms. Fraile Bravo, Mercedes

- Nurse specialist in Nephrology
- Care Coordinator for the Extremadura Health Service
- Author of numerous publications in the Scientific Journal of the Spanish Society of Neurological Nursing
- PhD in Nursing
- Associate Professor, Department of Nursing, University of Extremadura
- Diploma in Nursing
- Degree in Social and Cultural Anthropology
- Member of the Spanish Society of Neurological Nursing

Ms. Gómez Reina, Encarnación
- Clinical Psychologist and Pediatric Nurse
- Independent clinical psychologist
- Pediatric Nurse in the Palliative Care Unit of the Tomillar Hospital
- Degree in Nursing from the University of Seville
- Degree in Psychology from the National Distance Education University

Ms. González Lobo, María Ángeles
- Specialist Nurse in Surgery and Dialysis
- Member of the Organ Transplant and Kidney Implant Team at the Virgen de Las Nieves Hospital
- Diploma in Nursing

Mr. Granados Camacho, Sergio
- Nurse in the Hemodialysis and Chronic Diseases Unit
- Member of the Kidney, Kidney-Pancreas Transplant protocol team of the Regional University Hospital
- Diploma in Nursing
- Member of the Spanish Society of Nephrology Nursing

Mr. Guisado Oliva, José
- Nurse expert in Hemodialysis
- Nurse at Campus de la Salud Hospital
- Diploma in Nursing

Ms. Sánchez García, Belén
- Diploma in Nursing
- Nurse in Carlos Haya Hospital Málaga, Spain

Dr. Gutiérrez Vilchez, Elena
- Head of Pediatric Hemodialysis Department, Carlos Haya Hospital
- Specialist in Nephrology
- University Professor
- Researcher and author of several scientific journals
- Degree in Medicine and Surgery
- Specialization in Nephrology
- Member of the Spanish Society of Nephrology

Ms. Laguna Fernández, Clara
- Diploma in Nursing, Carlos Haya Hospital Málaga, Spain

Dr. López-González Gila, Juan de Dios
- Nephrologist Physician
- Nephrology Physician at San Cecilio University Hospital
- Nephrology Resident at the Virgen de Las Nieves Hospital in Granada
- University Professor
- Degree in Medicine and Surgery
- Member of the Society of Dialysis and Renal Transplantation

Ms. Rebollo Rubi, Ana
- Nurse Specialized in Nephrology
- ERCA Nurse Consultation Carlos Haya Regional University Hospital, Málaga
- Nurse. Carlos Haya Regional University Hospital, Málaga
- Diploma in Nursing
- Member of the Spanish Society of Nephrology Nursing

Ms. Mata Ortega, Olga

- Hemodialysis Nurse Specialist.
- Nephrology Nurse, Virgen de Las Nieves Hospital Granada, Spain
- Regional Manager of Hemodynamic Monitoring and Product Launch. Vygon
- Coronary Sales Specialist. World Medica
- Nurse in Hospitalization, Critical and Emergency Departments, and Hemodialysis. Andalusian Health Service
- Hemodialysis Nurse Specialist. Estudios de Salud S.L
- Hemodialysis Nurse Specialist. Inmaculada Hospital
- Diploma in Nursing. University of Granada
- Master's Degree in People and Team Management and Development. Gates Group

Dr. Morales García, Ana Isabel

- Specialist in Nephrology, Virgen Doctor Las Nieves Hospital Granada, Spain
- Doctor in Nephrology Medicine University of Almeria
- Degree in Medicine and Surgery
- Member of: Spanish Society of Nephrology and Spanish Society of Dialysis and Transplantation

Ms. Nieto Poyatos, Rosa María

- Nurse Specialized in Nephrology
- Nephrology Nurse. Guadix Dialysis Center, Virgen de las Nieves University Hospital, Granada
- Co-author of the Guadix Dialysis Social Network
- Hemodialysis Unit Nurse. UGC Nephrology, Campus de la Salud Hospital Granada, Spain
- Diploma in Nursing

Ms. Muñoz Becerra, Mercedes

- Nurse Specialized in Nephrology
- Co-creator of the Dialysis24h App
- Nurse of the Nephrology Service. Virgen de las Nieves Hospital, Granada
- Nurse and care coordinator of the Hemodialysis Service. Campus de la Salud Hospital, Granada
- University Professor
- Diploma in Nursing. University of Granada
- Member of the Spanish Society of Nephrology

Dr. Palomares Bayo, Magdalena

- Specialist in Nephrology
- Head of the hemodialysis unit at Campus de la Salud Hospital Granada, Spain
- Specialist Physician at the Virgen de las Nieves University Hospital
- Doctor in Nephrology Medicine
- Degree in Medicine and Surgery

Ms. Torres Colomera, Inmaculada

- Nurse Specialized in Nephrology
- Head Nurse of the Peritoneal Dialysis Unit, Torrecárdenas University Hospital, Almeria, Spain
- Nurse of the Nephrology CMU, Hemodialysis Service
- Diploma in Nursing

04
Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of proper qualification in daily nursing practice in hemodialysis, aware of the relevance of current education to be able to act before the patient with renal pathology, committed to quality teaching through new educational technologies.

This Postgraduate Certificate in Predialysis for Nursing, contains the most complete and up-to-date scientific program on the market"

Module 1. Predialysis

1.1. Advanced Chronic Kidney Disease (ACKD) Consultation

    1.1.1. Medical Treatment

    1.1.2. Nutrition in Predialysis Program and SelfCare Patients

    1.1.3. Treatment Choice for Kidney Replacement

    1.1.4. Assessment of Social, Family and Cultural Situation of the Patient

1.2. Role of Nurses in Decision-Making in Replacement Kidney Treatment

    1.2.1. Assessment of Possible Vascular Accesses

    1.2.2. Assessment of Availability of the Patient for Peritoneal Dialysis

    1.2.3. Importance of Carer on Decision-Making

    1.2.4. General and Specific Nursing Care in Predialysis

A unique, key, and decisive educational experience to boost your professional development"

05
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.
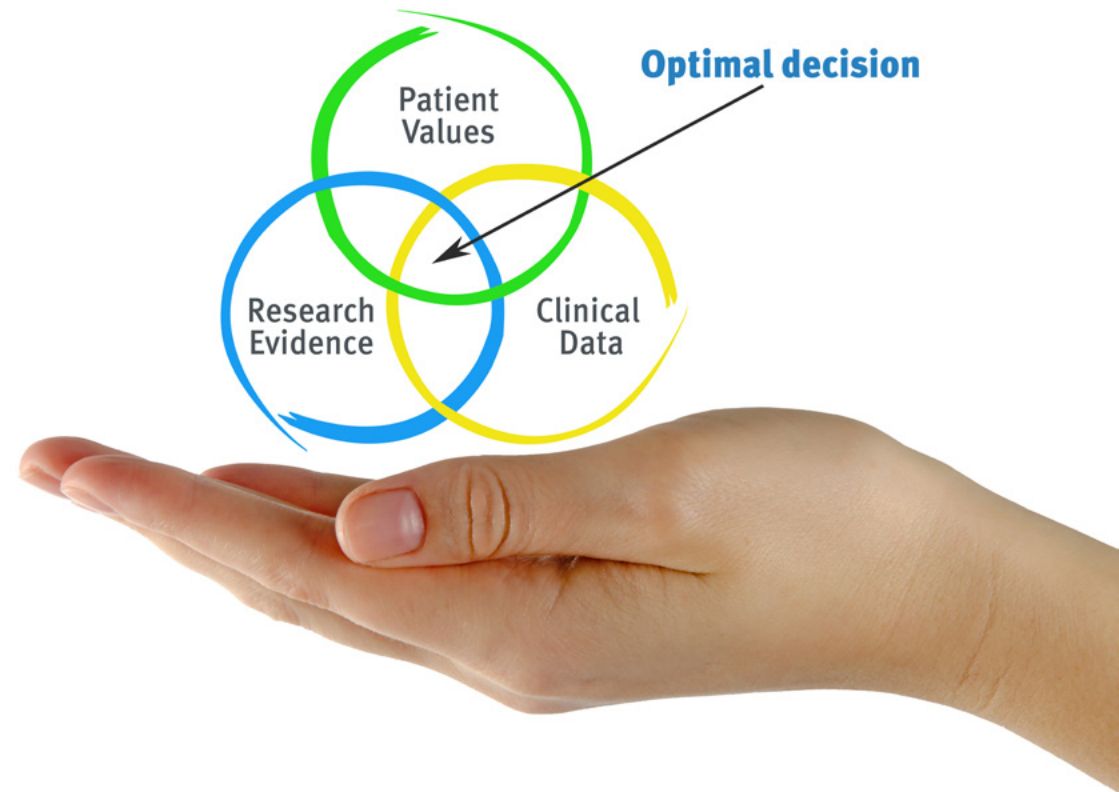
"

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.

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%

20%

17%

3%

7%

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 Predialysis 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"

tech

This private qualification will allow you to obtain a **Postgraduate Certificate in Predialysis 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 Predialysis for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **4 ECTS**

tech global university

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

Postgraduate Certificate in Predialysis for Nursing

This is a private qualification of 120 hour s of duration equivalent to 4 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 202 4

Dr. Pedro Navarro Illan a
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.U   nique 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

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