

Postgraduate Certificate

Nutrition in Kidney Diseases in Nursing





Postgraduate Certificate Nutrition in Kidney Diseases in 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/nutrition-kidney-diseases-nursing

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01

Introduction

Nutrition in renal diseases is essential to achieve an adequate quality of life in patients with these health conditions, and that is why knowledge on this subject is crucial for nurses. Good nutrition can help control fluid, electrolyte and nutrient levels in the body, resulting in a reduction of renal complications. In addition, proper nutrition can prevent loss of muscle mass and improve nutritional status, resulting in better recovery. Therefore, it is necessary for the professional in the field to take this 100% qualification in order to update their knowledge and acquire new skills to provide solutions to the different cases that may arise in this field.





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*Expand your knowledge through this
Postgraduate Certificate in a practical
way and adapted to your needs”*

Nutrition is a key factor in the management of kidney disease, which affects an increasing number of patients. Nurses are an essential component in this process, and must have a solid knowledge of nutrition in renal diseases in order to provide optimal care and contribute to the prevention and control of associated complications.

That is why TECH offers the Postgraduate Certificate in Nutrition in Renal Diseases for Nursing, designed to meet the current needs of professionals. This program provides comprehensive nutrition training tailored to the specific needs of patients, including nutritional assessment, dietary management and lifestyle changes to improve health status.

This qualification is delivered online, allowing nurses to access the virtual campus from anywhere and at any time. In addition, with the Relearning methodology, which is based on the spaced and adaptive repetition of the contents, the professional ensures an effective and lasting learning, having to face real and simulation cases.

This **Postgraduate Certificate in Nutrition in Kidney Diseases for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ Clinical cases presented by experts in nutrition. 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
- ◆ Diagnostic and therapeutic novelties on nutrition performance for For Nursing
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ Special emphasis on test-based medicine and research methodologies in Clinical Nutrition
- ◆ 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 competencies in the approach to Nutrition in Kidney Diseases for Nurses through this Postgraduate Certificate”

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This Postgraduate Certificate may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Nutrition in Renal Diseases for Nursing, you will obtain a university certificate from the first educational institution in Spain, TECH”

This course allows training in simulated environments, which provide immersive learning programmed to train for real situations.

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

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 education programmed 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 during the academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.



02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nurse can master in a practical and rigorous way the Nutrition in Kidney Diseases for Nursing.





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This refresher program will generate a sense of security when practising nursing, which will help you grow both personally and professionally”



General Objectives

- ♦ Update the nursing professionals knowledge on new trends in human nutrition, in both health and disease situations, through evidence based nursing
- ♦ Promote work strategies based on the practical knowledge of the new trends in nutrition and its application to child and adult pathologies, where nutrition plays a fundamental role in treatment
- ♦ Encourage the acquisition of technical skills and abilities through a powerful audiovisual system, and the possibility of using online simulation workshops and/or specific preparation
- ♦ Encourage professional stimulation through continued education and research
- ♦ Prepare the professional for research into patients with nutritional problems





Specific Objectives

- ◆ Explain the different techniques and products of basic and advanced nutritional support related to the nutrition of the patient
- ◆ Identify patients with nutritional risk or established malnutrition susceptible to specific support
- ◆ Incorporate the nutritional treatment of the most prevalent deficiency diseases in adults
- ◆ Identify and assess the main signs of obesity and its implication in renal patients
- ◆ Manage the type II diabetic diet and other lifestyle factors with renal alterations
- ◆ Identify dietary factors involved in hyperuricemia
- ◆ Nutritionally treat patients with kidney problems
- ◆ Identify dietary and lifestyle factors involved in the genesis and treatment of osteoporosis in renal patients



Take the opportunity and take the step to get up to date on the latest developments in Nutrition in Kidney Diseases for Nurses”

03

Course Management

This program includes highly regarded health professionals in the field of psychology in its teaching staff, who bring the experience of their work to this training.

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





*Learn about the latest advances in
Nutrition in Kidney Diseases from
leading professionals"*

Management



Ms. Auni3n Lavar3as, Mar3a Eugenia

- ♦ Pharmacist Clinical Nutrition Expert
- ♦ Author of the reference book in the field of Clinical Nutrition *Dietary , Management of Overweight in the Pharmacy Office*. (Editorial M3dica Panamericana)
- ♦ Pharmacist with extensive experience in the public and private sector
- ♦ Head Pharmacist
- ♦ Pharmacy Assistant. Pharmacy Chain. British Health and Beauty Retailers Boots UK. Oxford Street Centro de Londres
- ♦ Bachelor 's Degree in Food Science and Technology. University of Valencia
- ♦ Course Management Pharmacy Office



04

Structure and Content

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





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This Postgraduate Certificate in Nutrition in Kidney Diseases for Nursing contains the most complete and up-to-date scientific program on the market”

Module 1. Assessment of Nutritional Status and Diet. Practical Application

- 1.1. Bioenergy and Nutrition
 - 1.1.1. Energy Needs
 - 1.1.2. Methods of Assessing Energy Expenditure
- 1.2. Assessment of Nutritional Status
 - 1.2.1. Body Composition Analysis
 - 1.2.2. Clinical Diagnosis. Symptoms and Signs
 - 1.2.3. Biochemical, Hematological and Immunological Methods
- 1.3. Intake Assessment
 - 1.3.1. Methods for Analyzing Food and Nutrient Intake
 - 1.3.2. Direct and Indirect Methods
- 1.4. Update on Nutritional Requirements and Recommended Intakes
- 1.5. Nutrition in a Healthy Adult. Objectives and Guidelines. Mediterranean Diet
- 1.6. Nutrition in Menopause
- 1.7. Nutrition in the Elderly



Module 2. Nutrition in Kidney Diseases

- 2.1. Glomerular Disorders and Tubulopathies
- 2.2. Predialysis Chronic Renal Failure
- 2.3. Chronic Renal Failure and Dialysis
- 2.4. Gout and Hyperuricemia

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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.





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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. 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.

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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 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 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 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

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.



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 Nutrition in Kidney Diseases in Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Nutrition in Kidney Diseases in Nursing** contains the most complete and up-to-date scientific 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 labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Nutrition in Kidney Diseases in Nursing**

Official N° of Hours: **125 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.

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

tech technological
university

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