

Postgraduate Certificate

Advanced Nursing Practice in Nephrourology



Postgraduate Certificate Advanced Nursing Practice in Nephrourology

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

Website: www.techtute.com/us/nursing/postgraduate-certificate/advanced-nursing-practice-nephrourology

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01

Introduction

The role of advanced practice nurses in nephroulogy is especially relevant, as their advanced knowledge of dialysis therapies and renal physiopathology makes them a key part of any healthcare team. For this very reason, it is important for nursing professionals to keep up to date in these areas in order to continue offering the best professional practice in a field that constantly improves and refines treatments and diagnoses. TECH has prepared this comprehensive course to meet this need by relying on the best nursing professionals to create a rich, exhaustive and current syllabus.



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Learn the latest interpretations of systematic analysis and urinary sediment through prestigious scientific studies”

The path to positions of greater responsibility in the field of medical-surgical nephrourology services requires continuous updating and improvement on the different advanced diagnostic techniques, including the approach to stress urinary incontinence, urinary urgency or overflow.

All this drives the most qualified advanced practice nursing professionals to seek the most recent scientific theses and postulates in the area of nephrourology, in order to catch up on the most urgent issues in the area, such as hemodialysis or the exploration of the urinary and renal systems.

TECH has called upon a complete team of astounding experts in the field to elaborate all the contents on the program, which address the most immediate and urgent needs of all nurses with an interest in the area of nephrourology.

Thanks to TECH's continuous effort to offer the best possible academic option, the course is available in a 100% online format. There are no predetermined classes or schedules, so students can undertake the course load at the pace their own pace. The entire syllabus is available for download from day one as it will be accessible from any device with an Internet connection.

This **Postgraduate Certificate in Advanced Practice Nursing in Nephrourology** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ Practical cases presented by experts in Advanced Practice Nursing
- ♦ 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
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies in Advanced Practice Nursing
- ♦ 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



You will not have to adhere to schedules or classes, since you will decide when, where and how to complete the entire program”

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You will be supported by the largest academic institution in Spanish, with a technical and teaching staff devoted to your professional development”

The program's teaching staff includes professionals from 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.

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

Get up to date with the most recent advances in bladder re-education techniques, vascular access for dialysis and peritoneal dialysis.

You will have a large amount of study material at your disposal, including complementary readings that will also prove to be great reference material.



02 Objectives

To ensure all the course objectives are met satisfactorily, TECH has established a series of steps that students will follow throughout the program. This will not only ensure that nursing professionals gain access to a high-quality program, but it also guarantees they will incorporate all the developments learned into their daily practice even before completing the course.





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The program will surpass your highest update expectations thanks to its advanced and current content, including the most recent studies in the area of nephrourology”



General Objectives

- ◆ Train nursing professionals for advanced practice in research, teaching and care
- ◆ Know the most complex specific procedures in nursing practice
- ◆ Acquire advanced knowledge in anatomy, physiology, pathology and pharmacology
- ◆ Adapt professional nursing profiles to perform organizational and/or care positions at the highest level, all related to the most innovative and booming topics in advanced nursing





Specific Objectives

- ◆ Master advanced nephrourological anatomo-physiology
- ◆ Manage the different types of dialysis
- ◆ Learn how to cannulate dialysis accesses
- ◆ Know the main techniques used in incontinence rehabilitation
- ◆ Gain in-depth knowledge of bladder re-education
- ◆ Know how to interpret urinalysis, which ones should be requested and when

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You will be able to flexibly and straightforwardly meet your professional goals thanks to TECH's advanced technology and teaching methodology”

03

Course Management

Since it is an area of specialized nursing that demands a particular devotion from nursing professionals, TECH has entrusted the development of this program to renowned and extensively experienced professors in both the academic and practical fields of nephrourology. Thanks to the combination of both aspects, the program proves even more useful for nurses, since all the contents will be rigorously adapted to the real context of professional practice.



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You will be supported by teaching professionals who are familiar with both your needs and the most latent emergencies in nephrourology, as they offer you the best updated study material”

Management



Ms. Alonso Díaz, Verónica

- Advanced Practice Nurse in the Community of Madrid
- Head of Nursing CAP Santa Isabel
- Head of Nursing at CAP Cuzco
- DUE, Escuela Universitaria Cruz Roja, associated to UAM



Mr. Jiménez Vales, Luis

- EIR training tutor, CTO Nursing Group
- Pediatrics EIR Teaching Coordinator, CTO Nursing Group
- Teaching coordinator of Oncohematology and Pain EIR, CTO Nursing Group
- Nurse in the area of Donors/Blood Bank, Fundación Jiménez Díaz
- Diploma in Nursing, School of Nursing, Fundación Jiménez Díaz, Universidad Autónoma de Madrid
- Specialist in Gynecology and Obstetrics, Gregorio Marañón General University Hospital
- Higher Technician Specialist in Clinical Diagnostic Laboratory, IES SIGLO XXI, Leganés



Professors

Ms. Fernández Rivas, Irene

- ◆ Nurse in adult consultation, Peña Prieta Health Center
- ◆ Nurse on the COVID floor and in internal medicine, Rey Juan Carlos Hospital, Móstoles
- ◆ Nurse specialist in Family and Community Nursing, Severo Ochoa Hospital, Leganés
- ◆ Degree in Nursing, Complutense University of Madrid
- ◆ Master's Degree in Nursing Care, Procedures and Clinical Applications, San Antonio Catholic University

04

Structure and Content

TECH is a pioneer in the use of Relearning as a pedagogical methodology, as it is the only university in Spanish with a license to use it. This study method is highly efficient for students, since it allows them to naturally and progressively acquire the concepts and up-to-date terms included on the program without having to make a great investment of time or effort.





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You will find a virtual classroom that uses the latest educational technology, and that includes work guides, interactive summaries and videos created by the teaching staff to complement the program”

Module 1. Nephrourology

- 1.1. Urinary and Renal System Exploration
- 1.2. Advanced Diagnostic Techniques in Nephrourology
- 1.3. Urinalysis and Urinary Sediment Interpretation
- 1.4. Bladder Catheterization
- 1.5. Using Drugs and Invasive Treatments in the Urinary System
- 1.6. Urinary Incontinence
 - 1.6.1. Effort
 - 1.6.2. Urgent Urination
 - 1.6.3. Overflow
- 1.7. Bladder Re-education Techniques
- 1.8. Hemodialysis
- 1.9. Vascular Accesses for Dialysis
- 1.10. Peritoneal Dialysis





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The real clinical cases and practical exercises included in the course will enhance the conceptualization of all the nephrourological advances taught”

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.

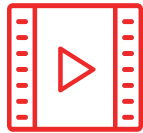
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

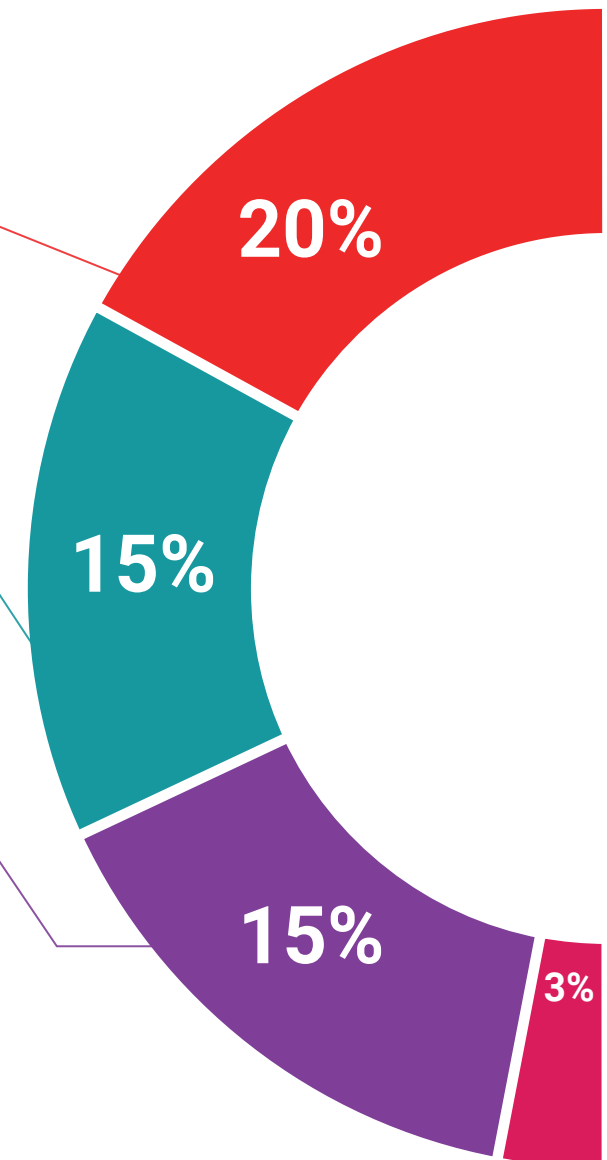
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

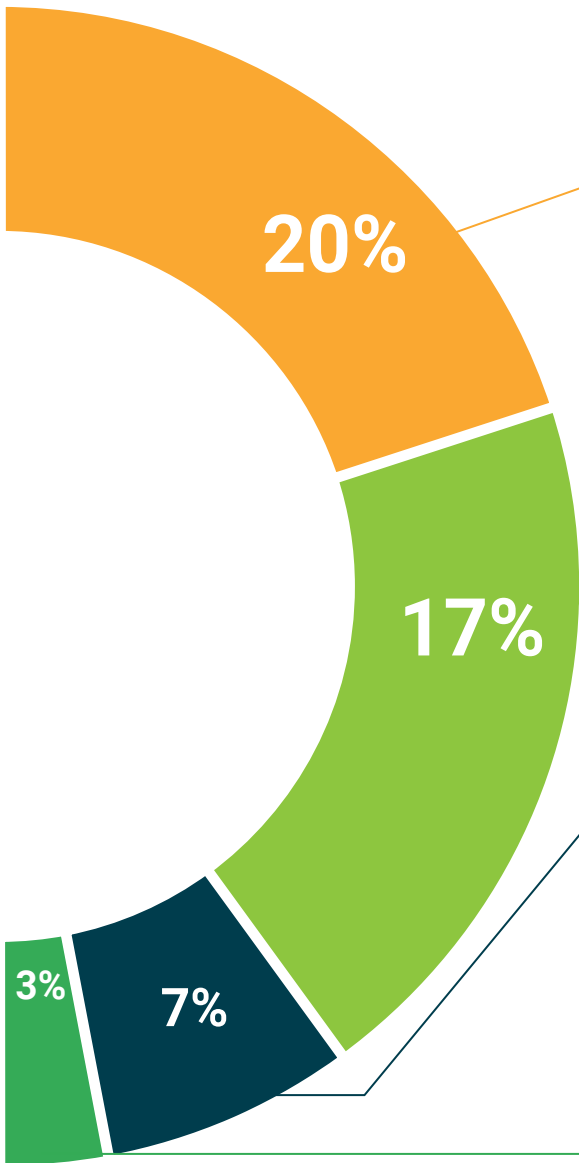
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Advanced Nursing Practice in Nephrourology 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 program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Advanced Nursing Practice in Nephrourology** 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** title 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 Advanced Nursing Practice in Nephrourology**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.



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