

# Postgraduate Diploma Renal Transplantation for Nursing





## Postgraduate Diploma Renal Transplantation for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: **TECH Technological University**
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-renal-transplantation-nursing](http://www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-renal-transplantation-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).



A close-up photograph of medical tubing connected to a patient's arm. The tubing is clear with a pinkish-red liquid inside. The patient's skin is visible, and there is a white bandage on the arm. The background is a solid teal color.

“

*Improve your knowledge through this program, where you will find the best didactic material with real clinical cases. Learn here about the latest advances in the specialty to be able to perform a 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 skills in renal replacement techniques such as the acquisition of specific professional competencies, specific and quality care is required in the various studies of renal disease.

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

This **Postgraduate Certificate in Renal Transplantation 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 eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Diagnostic and therapeutic developments on the performance of Renal Transplantation for Nursing
- ◆ Algorithm-based interactive learning system for decision-making in the presented clinical situations
- ◆ With a special emphasis on evidence-based medicine and nursing research methodologies in the renal patient
- ◆ All 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 Renal  
Transplantation for Nursing  
through this program"*

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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 Renal Transplantation for Nursing, you will receive a certificate from TECH - Global University"*

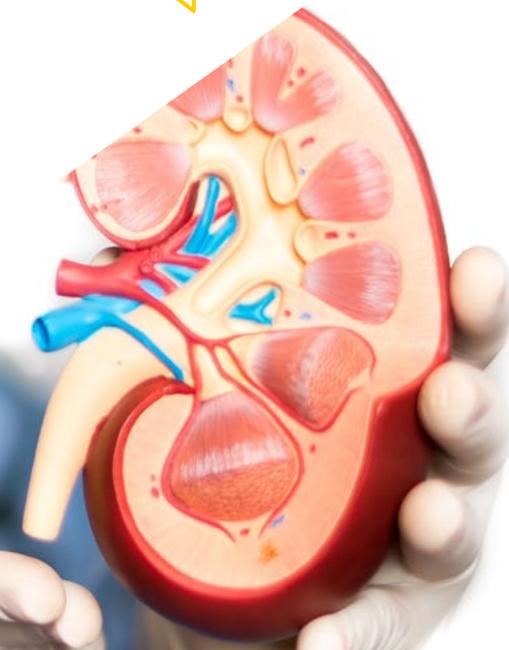
Its teaching staff includes health professionals belonging to the field of nephrological nursing, who contribute their work experience to this training, as well as renowned specialists belonging to leading scientific societies.

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 an immersive training program to train 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 during the course. 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.

*This program offers training in simulated environments, which provides an immersive learning experience designed to train for real-life situations.*

*It includes clinical cases to bring the program's degree as close as possible to the reality of care in Nursing.*



# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nurse can achieve a practical and rigorous mastery of Renal Transplantation for Nursing.



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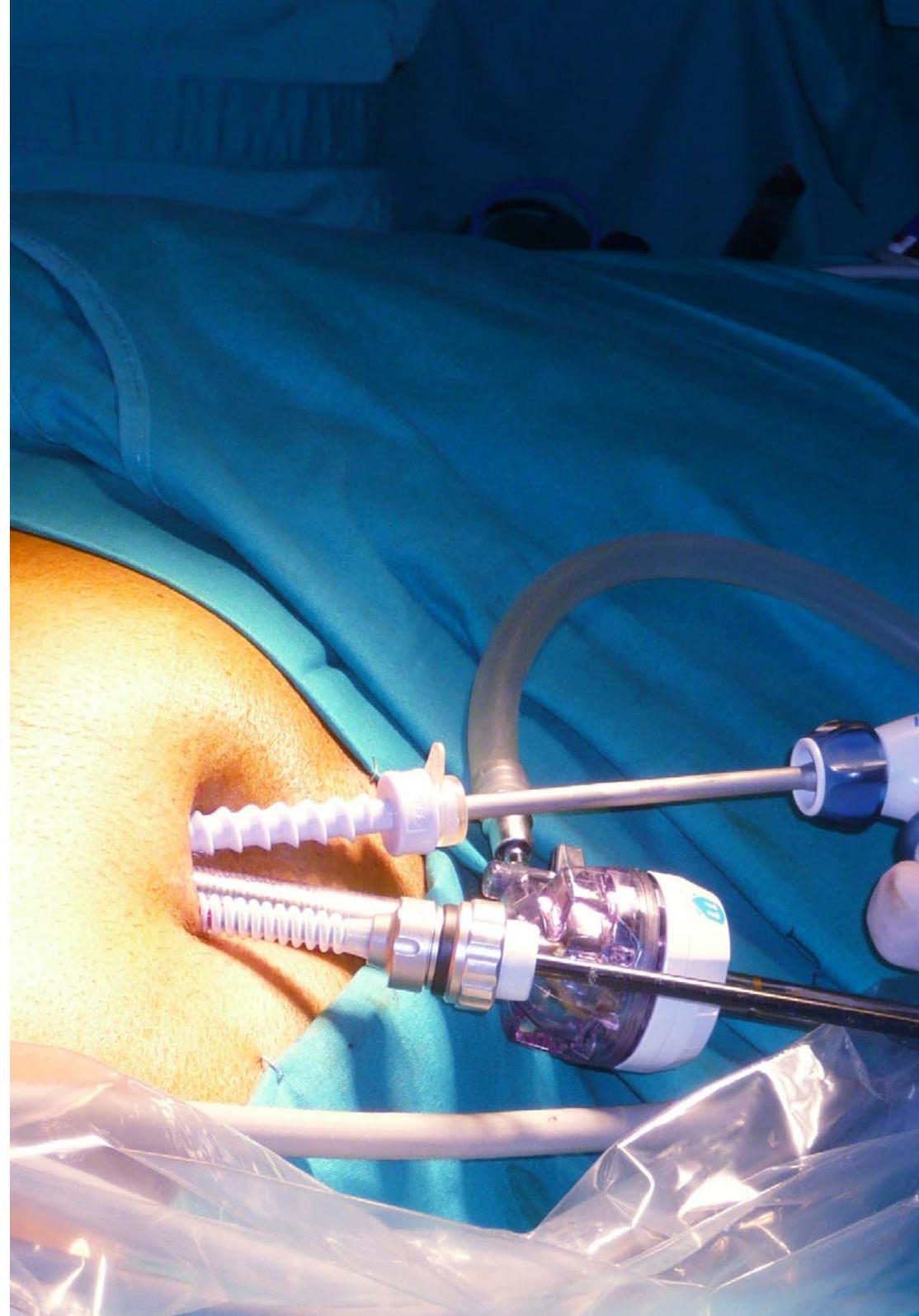
*This refresher program will generate a sense of confidence when practising nursing, which will help you grow both personally and professionally”*

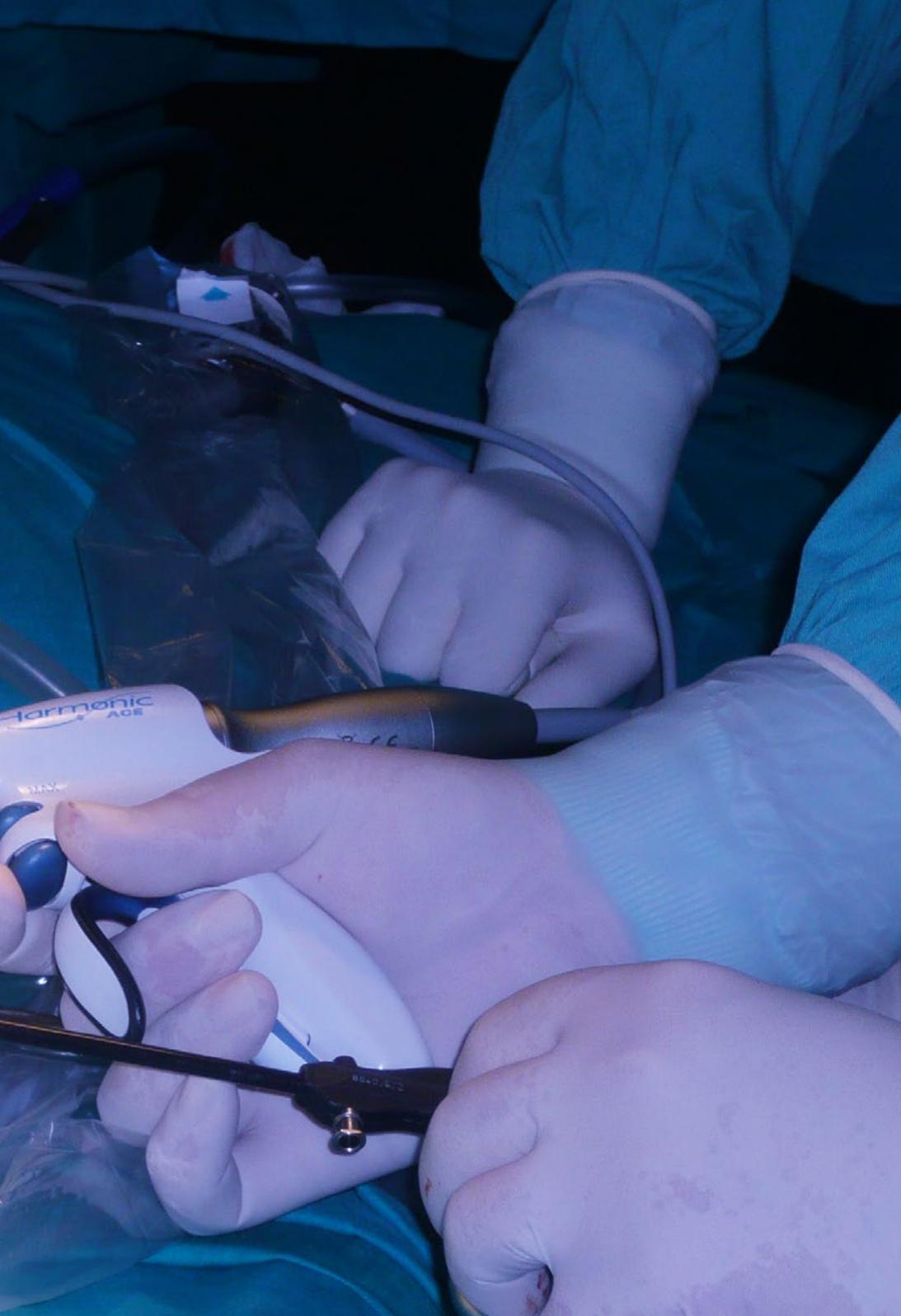


## General Objectives

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- ♦ 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 transplant patients, providing more qualified healthcare professionals
- ♦ Develop competencies and skills for the comprehensive approach and management of the renal patient





## Specific Objectives

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- Know the different techniques for removal of organs from a donor
- Know how to manage and approach a kidney transplant patient
- Gain up-to-date knowledge of the diagnostic aspects of death
- Know the diagnostic tests and maintenance of the cadaveric donor
- Gain skills in donor interviewing
- Gain up-to-date knowledge of the nursing care of a transplant recipient
- Acquire skills in the approach and management of complications in the transplant recipient
- Know the symptoms of kidney rejection and how to confront the complications

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*Make the most of this opportunity and take the step to get up to date on the latest developments in Renal Transplantation for Nursing”*

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 training the experience of their work.

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



“

*Learn from leading professionals  
the latest advances in Renal  
Transplantation for Nursing”*

## Management



### Molina Fuillerat, Ruth

- ♦ Diploma in Nursing from the University of Cadiz, with a extensive experience working in Nephrology Services. Dialysis. Doctor Negrín Hospital (Las Palmas de Gran Canaria), Torrecárdenas Hospital (Almería) y Virgen de las Nieves Hospital y Clínico San Cecilio Hospital, (Granada). Currently wokring in the hemodialysis unit at Campus de la Salud Hospital (Granada) Co-author of the health application Dialysis 24h
- ♦ 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
- ♦ Bandera de Andalucía 2015 for the commitment, dedication and devotion as a nurse in the Dialysis 24h app
- ♦ Albert Jovell Award 2016 Accésit to Diálisis 24h app for "Best initiative that improves patient health outcomes, developed by healthcare professionals, individually or as a team"

## Professors

### **González Lobo, María Ángeles**

- Diploma in Nursing
- Nurse Specialist in Surgery and Dialysis
- Virgen de Las Nieves Hospital Granada, Spain
- Member of the Organ Transplantation and Kidney Implant Team in Granada, Spain



# 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 Renal Transplantation, aware of the relevance of current training to be able to act before the patient with renal pathology, committed to quality teaching through new educational technologies.



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*This Postgraduate Certificate in Renal Transplantation for Nursing, contains the most complete and up-to-date scientific program on the market”*

## Module 1. Renal Transplantation for Nursing

- 1.1. Current Status in Transplantation
  - 1.1.1. Benefits
  - 1.1.2. Contraindications
- 1.2. Inclusion in Transplantation Waiting List
  - 1.2.1. General aspects
  - 1.2.2. Requirements
- 1.3. Diagnostic Aspects of Death
  - 1.3.1. Diagnostic tests
  - 1.3.2. Maintenance of Cadaveric Donor
- 1.4. Donor Interview
  - 1.4.1. Interview Sequence
  - 1.4.2. The Negative Family
  - 1.4.3. Causes and Strategies
- 1.5. Kidney Removal
  - 1.5.1. Surgical Procedure
- 1.6. Types of Transplantation
  - 1.6.1. Cephalic Death
  - 1.6.2. Asystole
  - 1.6.3. Crusader
  - 1.6.4. Samaritan
  - 1.6.5. Living Donor Transplant.
- 1.7. Transplantation Operating Room Protocol
  - 1.7.1. Performance and Follow-up in the Operating Room



- 1.8. Nursing Care of Renal Transplantation Recipients
  - 1.8.1. Latest Information on the Specific Nursing Care Required by the Transplantation Recipient
- 1.9. Complication in Renal Transplantation
  - 1.9.1. Types
  - 1.9.2. Complication Management and Action
- 1.10. Medication
  - 1.10.1. Immunosuppressants
- 1.11. Symptoms of Rejection
  - 1.11.1. General Care



*A unique, key and decisive  
Training 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.



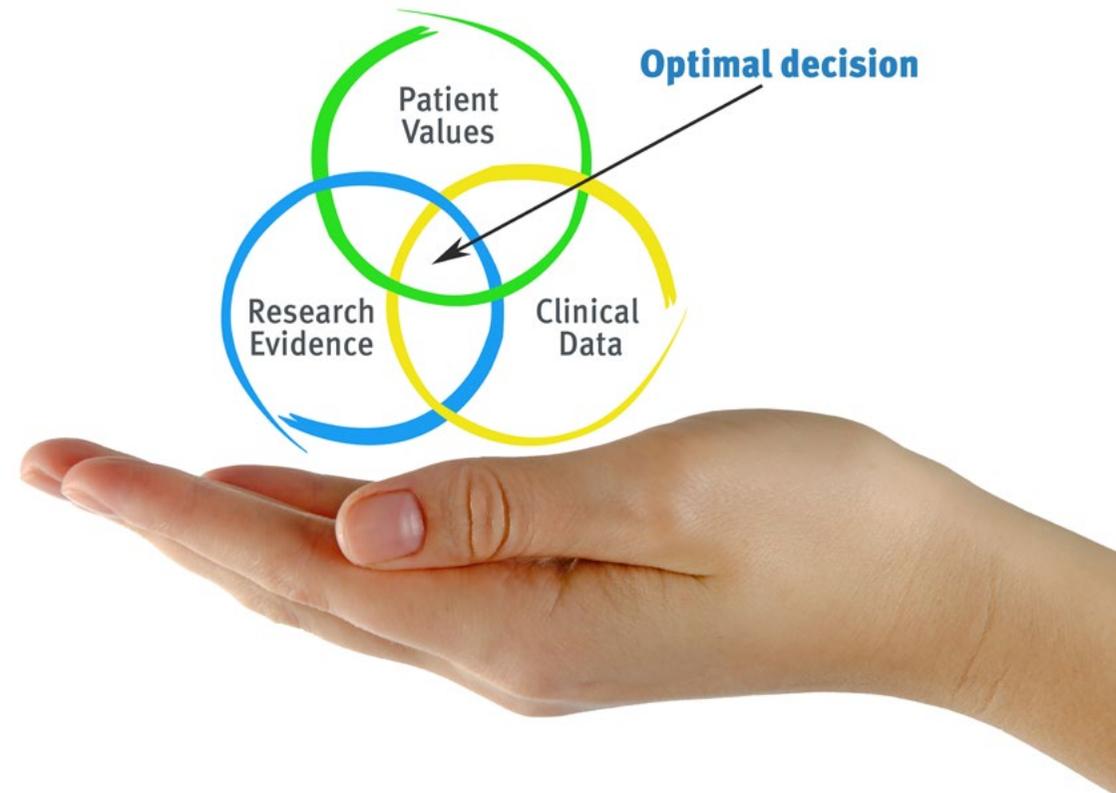
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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

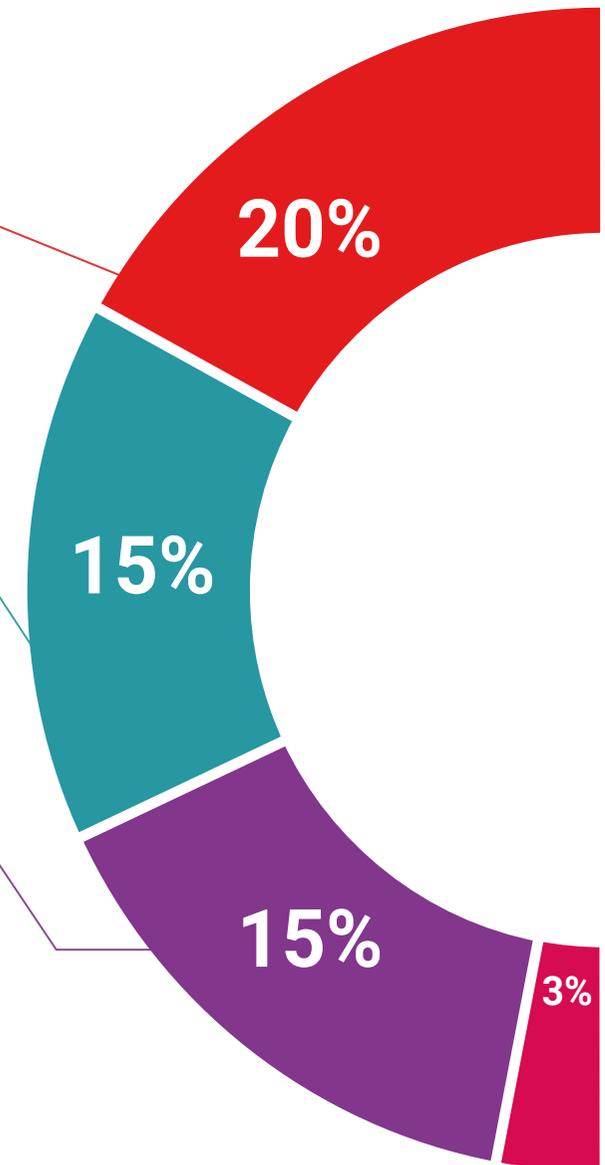
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

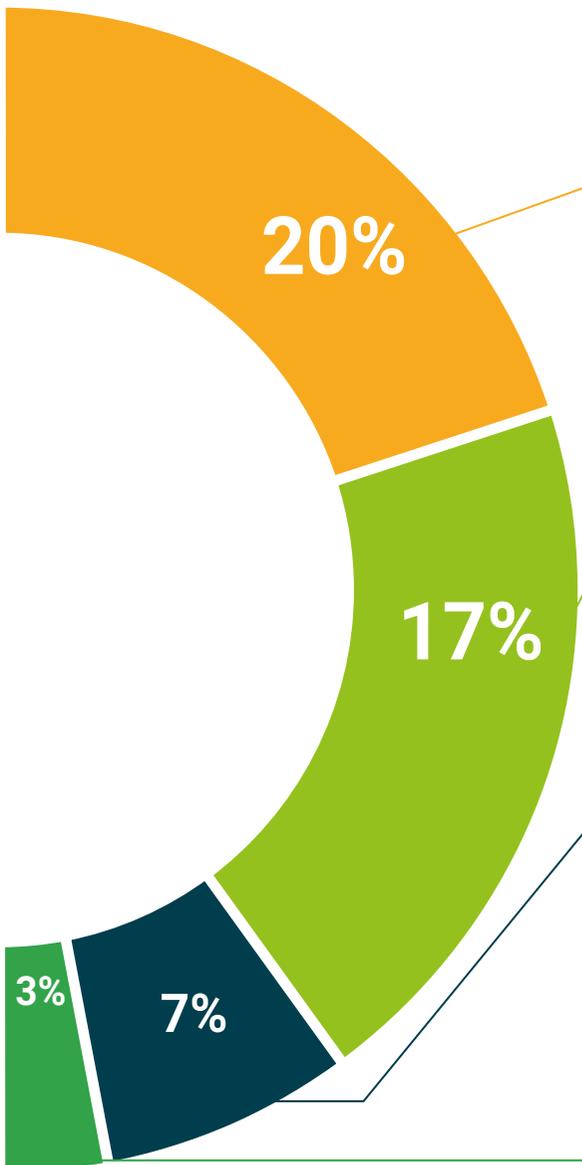
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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 Renal Transplantation for Nursing guarantees you, in addition to the most rigorous and up-to-date specialization, access to a certificate issued by TECH Technological University.



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*Successfully complete this training  
and receive your certificate without  
travel or laborious paperwork”*

This **Postgraduate Diploma in Renal Transplantation for Nursing** 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Renal Transplantation for Nursing**

Modality: **online**

Duration: **6 months**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Technological University 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 quality  
online  
development languages  
classroom



## Postgraduate Diploma Renal Transplantation for Nursing

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Diploma

## Renal Transplantation for Nursing