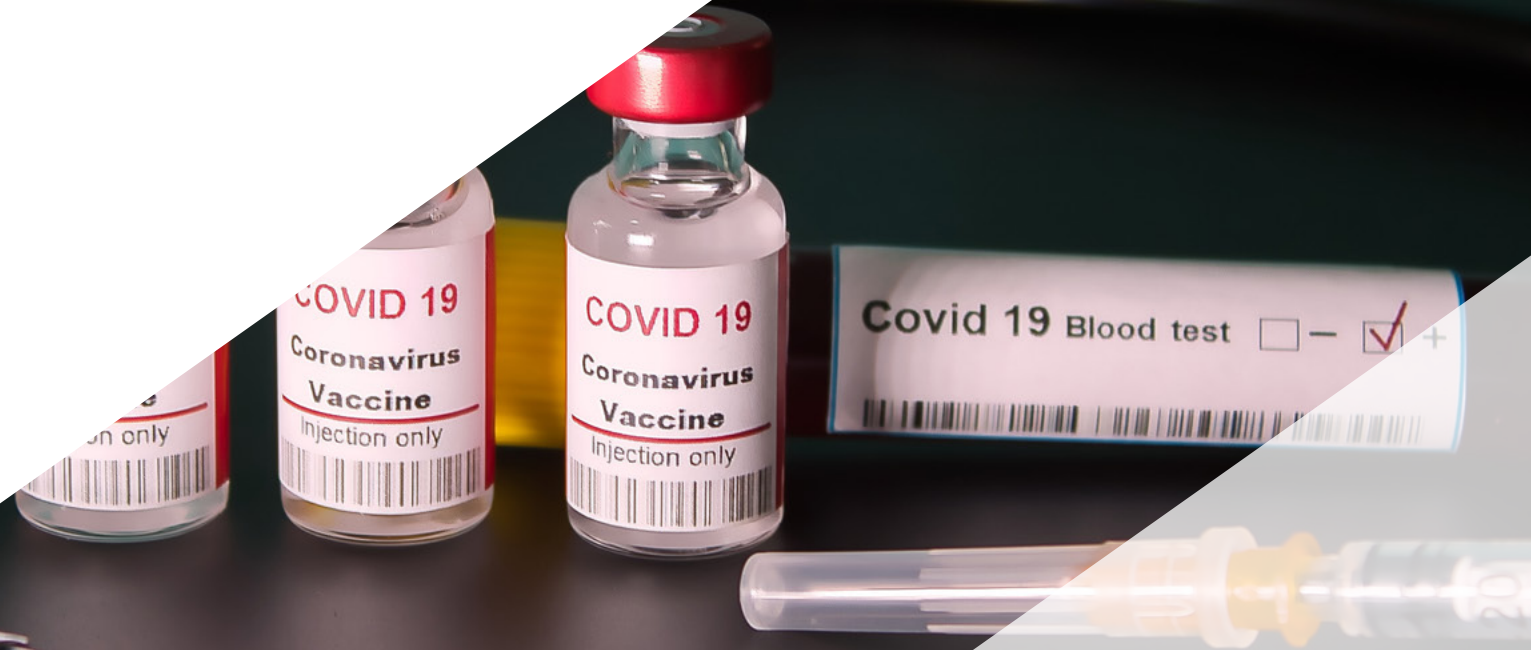


Postgraduate Certificate

The Future of Vaccines





Postgraduate Certificate The Future of Vaccines

- » 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/future-vaccines

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01

Introduction

The aim of this program is to offer nursing professionals the most complete information on the future of immunization, taking into account the vaccines that are currently being worked on, such as COVID-19. In this way, the student will obtain a contextualized study on the future of their daily work, focusing also on technological advances, which allow online consultations and favor contact with patients. This program will give you the keys to be up to date on all these issues relevant to your profession.



“

Find out about the current situation of the COVID-19 epidemic and its future vaccine by taking this very complete Postgraduate Certificate”

The Postgraduate Certificate in the Future of Vaccines focuses on what can be expected from the act of vaccination in the current context. Therefore, the student will learn which vaccines are currently under development or in production, which diseases are expected to be vaccinated in the near future, and where we stand with regard to the COVID-19 epidemic in relation to the act of vaccination.

In addition, during the course of this Postgraduate Certificate, students will acquire technical knowledge about important concepts in vaccination such as the genome, or learn about the *Vaccine Safety Network*. Another of the strengths of this program is that the students will be provided with tools for an adequate online consultation on vaccines, both for their own knowledge and for a later reversion to the patients they attend in their daily practice. Knowing the web environment related to vaccines provides tools to improve healthcare practice in accordance with the current times and allows giving tools to patients to improve their self-care in health.

In order to provide nurses with this very comprehensive information, this Postgraduate Certificate offers important theoretical education, accompanied by numerous practical exercises. In this way, the student will be able, after understanding the texts, to exercise with simulated practical cases as if they were facing real cases, which will allow them to carry out a more immersive and complete study, facilitating their understanding of the subject.

In this Postgraduate Certificate we have proposed to offer you the most complete education on vaccination in a simple and easy to learn way. Also, as it is a 100% online program, you will have the opportunity to balance your study hours with the rest of your daily obligations, so you will be able to enhance your education in a comfortable way.

This **Postgraduate Certificate in The Future of Vaccines** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The development of clinical cases presented by vaccine experts
- ◆ Its graphic, schematic and practical contents provide scientific and assistance information on those disciplines essential for the professional practice
- ◆ New developments on vaccinations
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ 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



We offer you an advanced education that will allow you to acquire specific knowledge about vaccines that are currently in the development or manufacturing phase"

“

Our programs have the best teaching methodology and the latest educational tools, which will allow you to study from home without sacrificing the possibilities offered by on-site classes”

Its teaching staff includes professionals from the field of vaccines in nursing, who bring the experience of their work to this program, as well as recognized specialists from 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 program designed 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 throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in vaccination and with extensive teaching experience.

This Postgraduate Certificate is the best investment you can make in education in order to acquire the best and most up-to-date qualification in terms of vaccination.

Increase your education in the field of vaccination and improve yourself thanks to this program of high educational value.



02 Objectives

The Postgraduate Certificate in The Future of Vaccines is aimed at facilitating the nurse's performance and increasing their ability to treat patients who require this type of intervention with full guarantees of success.





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Our goal is to offer the students the most complete program on the market so that they are able to excel and broaden their knowledge and, therefore, become more efficient in their profession"

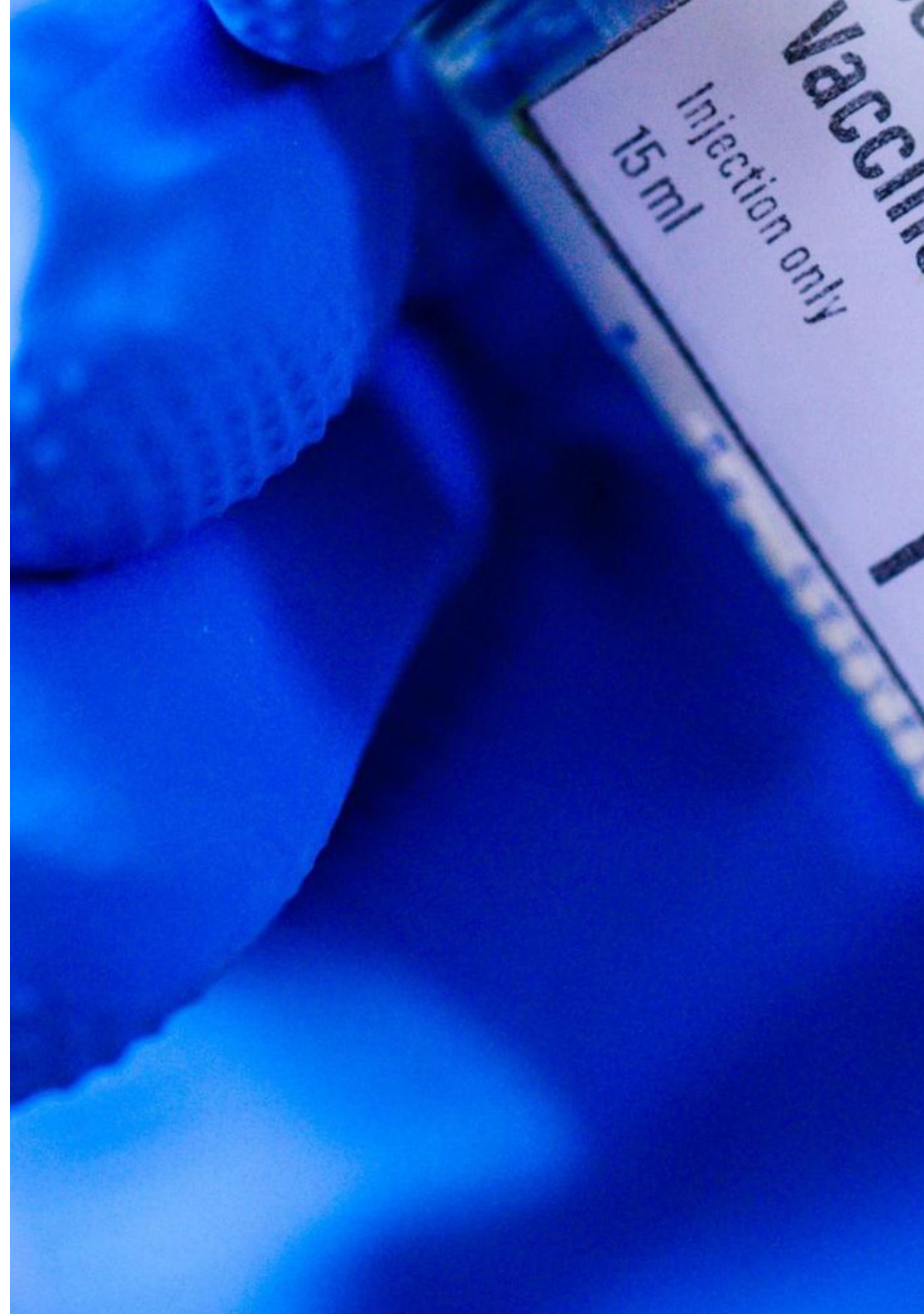


General Objectives

- Update knowledge in relation to the vaccination and disease prevention process and its applicability in the population assisted in order to allow the nursing professionals to improve their skills when exercising their professional activity
- Gain in-depth knowledge and apply the research methodology at the clinical-care and methodological level in the field of the vaccination process
- Develop skills to transmit and sensitize the population to the importance and need for vaccines and the vaccination process, through health promotion strategies
- Develop skills in vaccine management and the implementation of strategies for the prevention of communicable diseases susceptible to vaccination



Acquire the most up-to-date knowledge in this field of work and apply advanced protocols in this intervention in your day-to-day work"





Specific Objectives

- ◆ Know the different vaccines currently being created in the world and where they are in the process
- ◆ Relate the vaccination process to how it is exposed to the rest of the world through the media in its different ways
- ◆ Establish the basis of the concept called reverse vaccinology and to know the genome concept
- ◆ Identify the different vaccination strategies existing worldwide by the different existing organizations and their most important differences
- ◆ Have an in-depth knowledge of the current anti-vaccine movements and what should be a correct approach in daily practice
- ◆ Relate the current epidemiological situation to the COVID-19 situation and vaccines
- ◆ Become familiar with the different sources of reliable information available on the web about vaccines in order to be able to pass it on to patients at a later date
- ◆ Identify the *Vaccine Safety Network* concept and know its theoretical basis
- ◆ Establish different basic tips when finding reliable scientific information about vaccines on the Internet

03

Course Management

The program includes in its teaching staff renowned experts in nursing, who contribute their work experience to this Postgraduate Certificate. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



“

*Leading experts in the field are
at the best university to help you
achieve professional success”*

Management



Ms. Hernández Solís, Andrea

- Family and Community Nurse in the Madrid Health Service (SERMAS)
- Nurse in the Intensive Care Unit of the Puerta de Hierro University Hospital
- Nurse specialist in Family and Community Nursing at the University Hospital of Getafe
- Teacher in the Foundation for the Development of Nursing (FUDEN)
- Diploma in Nursing from the Autonomous University of Madrid

Professors

Ms. Rodrigues Fernández, Erica

- Nurse Pediatrician and Neonatology Specialist
- Neonatal Nurse at the Alcorcón Foundation University Hospital
- Pediatric Nurse at La Rivota Health Center
- Radiology Room Nurse in Puerta de Hierro Majadahonda University Hospital
- Intensive Care Nurse at the Puerta de Hierro Hospital Majadahonda
- Diploma in Nursing from the Autonomous University of Madrid.



04

Structure and Content

The structure of the contents has been designed by a team of professionals from the best educational hospital and universities in the country, who are aware of the relevance of up-to-date education, and are committed to quality teaching using new educational technologies.



“

We have the most complete and up-to-date scientific program on the market. We strive for educational excellence and we want you to achieve it too"

Module 1. The The Future of Vaccines

- 1.1. Vaccines in Development
 - 1.1.1. Different Vaccines Currently in Development
- 1.2. Vaccines and the Media
- 1.3. Reverse Vaccinology: Genome
 - 1.3.1. What Is the Genome?
 - 1.3.2. Concept of Reverse Vaccinology
- 1.4. Global Vaccination Strategy
- 1.5. Anti-vaccine Movements Situation and Approach
- 1.6. Vaccines and COVID-19
 - 1.6.1. Update on Vaccines and COVID-19
- 1.7. *Vaccine Safety Network*
- 1.8. Vaccine Web Query
- 1.9. Vaccine Website Credibility
 - 1.9.1. Tips for Checking the Reliability of a Vaccine Website
- 1.10. Tips for Finding Reliable Information Online
 - 1.10.1. Practical Tips for Finding Reliable Online Health Information





“

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.



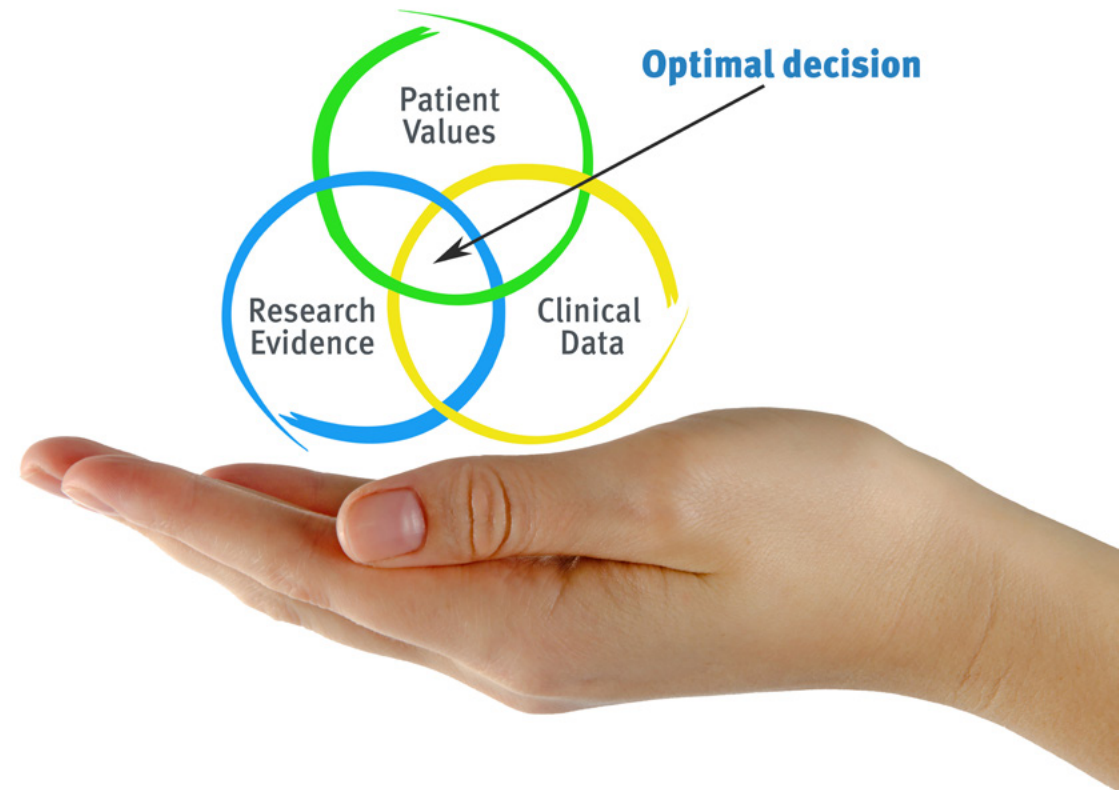
“

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.

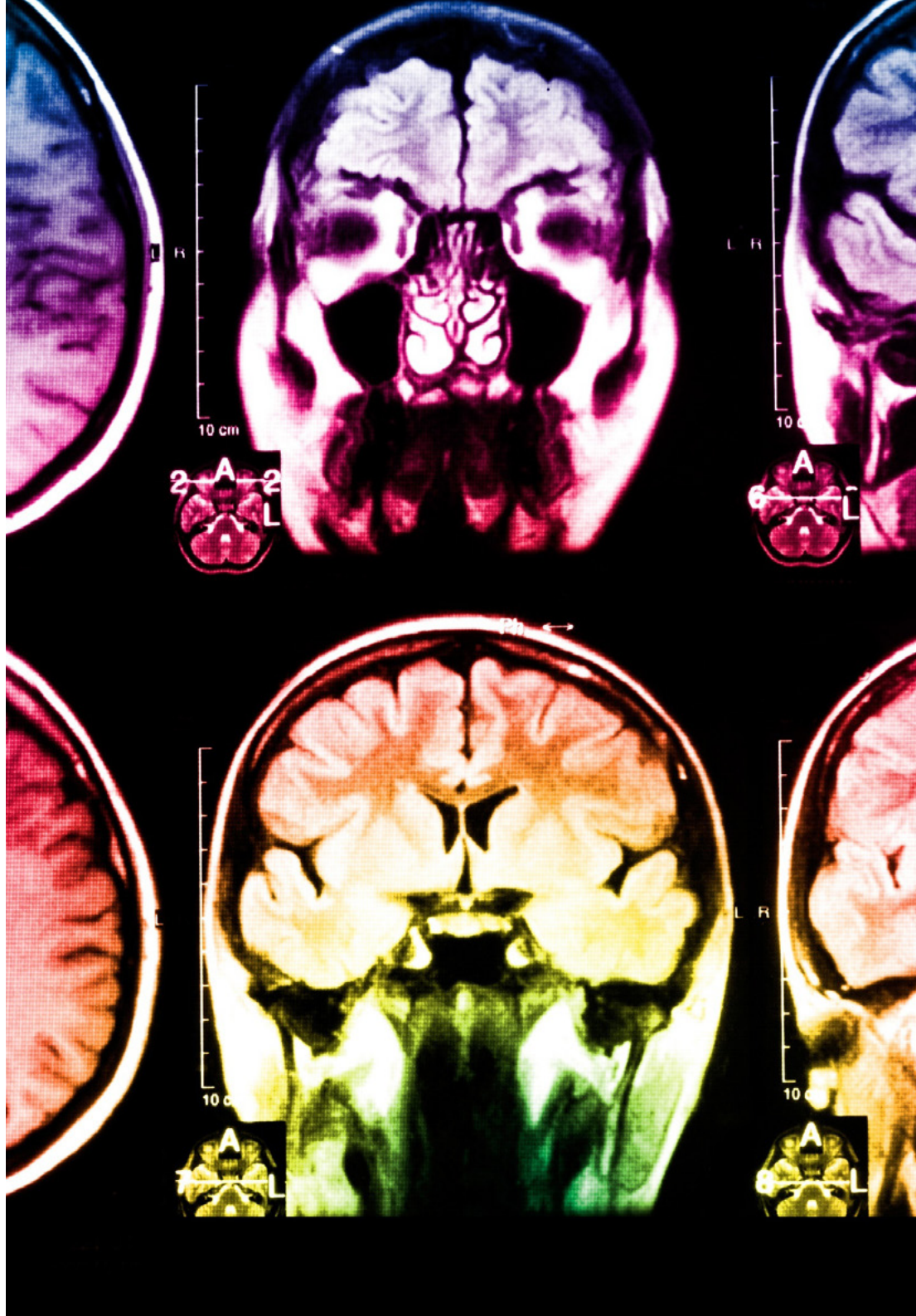
At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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.

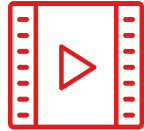
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

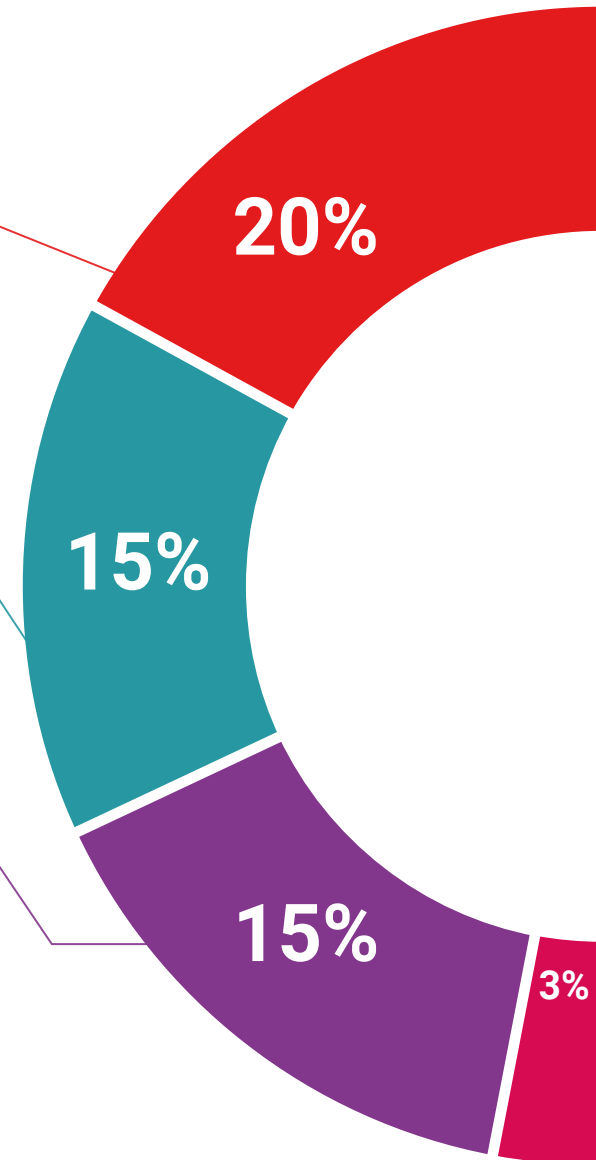
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

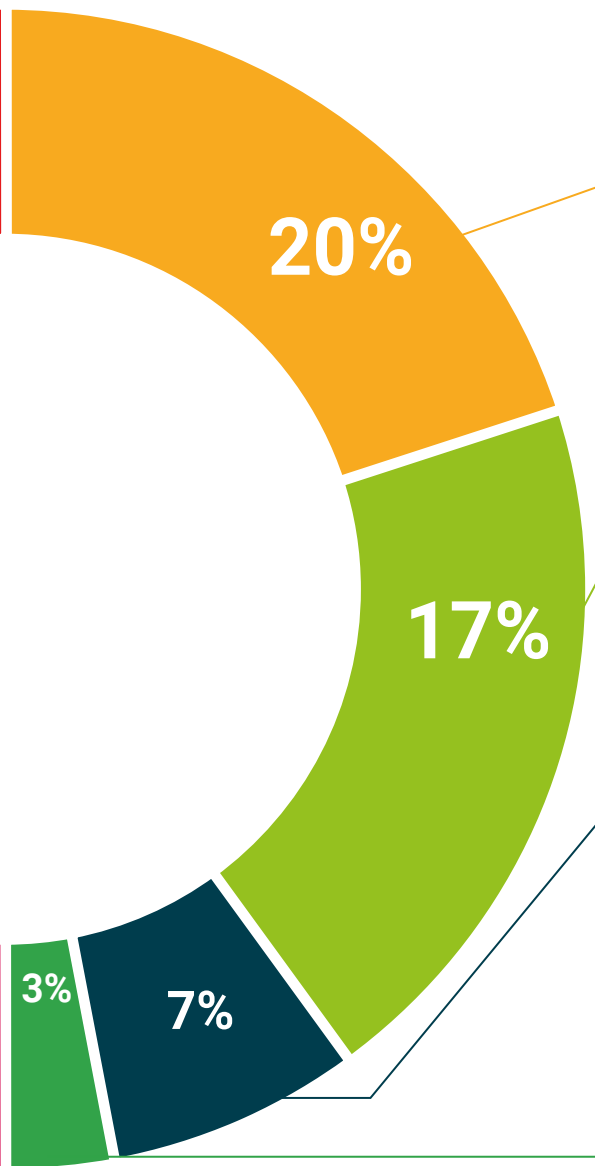
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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.





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 The Future of Vaccines 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 Nursing Patient Care in Home Hospitalization** 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.

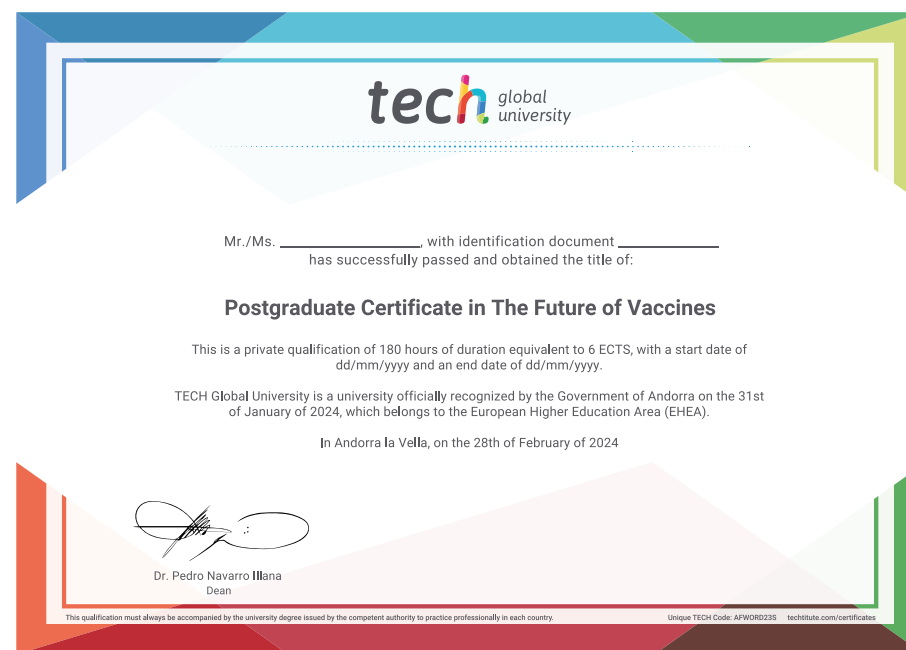
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in The Future of Vaccines**

Modality: **online**

Duration: **6 weeks**

Accreditation: **5 ECTS**



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



Postgraduate Certificate The Future of Vaccines

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

Postgraduate Certificate The Future of Vaccines

