

Postgraduate Certificate

Nursing Management and Care
of HIV Patients and Surveillance
of Nosocomial Infections



Postgraduate Certificate Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techitute.com/us/nursing/postgraduate-certificate/nursing-management-care-hiv-patients-surveillance-nosocomial-infections



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01

Introduction

Advancements in therapeutic procedures for HIV, as well as in the surveillance of nosocomial infections, require nursing professionals to keep their knowledge up to date in order to perform the appropriate interventions in each case, always based on scientific evidence. This Postgraduate Certificate provides professionals with practical, 100% online training, tailored to their needs.



A close-up photograph of a person's arm, showing a white medical bandage wrapped around the forearm. The skin is fair and has some hair. The background is blurred, showing what appears to be a medical setting with a drip chamber.

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The quality of care for HIV patients is contingent upon the ongoing update of knowledge among the professionals providing care. Stay up-to-date with the procedures that nursing professionals follow when caring for HIV patients and managing nosocomial infections”

Internal Medicine is a medical specialty that provides comprehensive, continuous care to patients, from outpatient consultations to hospitalization units, through support actions in disease and death, health promotion and protection, and assistance in reintegrating individuals into society.

This specialty has a broad and innovative scope with the introduction of new technologies in the detection of pathologies, their treatment, and the necessary care for each process, in which the nursing professional plays a key role in the multidisciplinary approach in every aspect of care.

The Postgraduate Certificate in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections is designed to update nursing professionals so they can provide care and manage patients with these conditions effectively, while bridging theoretical knowledge with practical application in a manner that is appropriate and based on scientific evidence.

This **Postgraduate Certificate in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Clinical cases presented by experts. The graphical, schematic, and highly practical content is designed to provide scientific and healthcare information on the medical disciplines essential for professional practice
- ♦ Diagnostic and therapeutic developments on the care of patients with VIH
- ♦ Includes nursing procedures in the surveillance and control of nosocomial infections
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Includes theoretical lectures, questions to the expert, discussion forums on controversial issues and individual reflection papers
- ♦ Content that is accessible from any fixed or portable device with an internet connection



Through this Postgraduate Certificate, you will update your knowledge in patient care, improve their prognosis, and reduce sequelae and complications"

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This Postgraduate Certificate could be the best investment you make when selecting a professional development program for two reasons: in addition to updating your knowledge in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections, you will receive a diploma from TECH Global University”

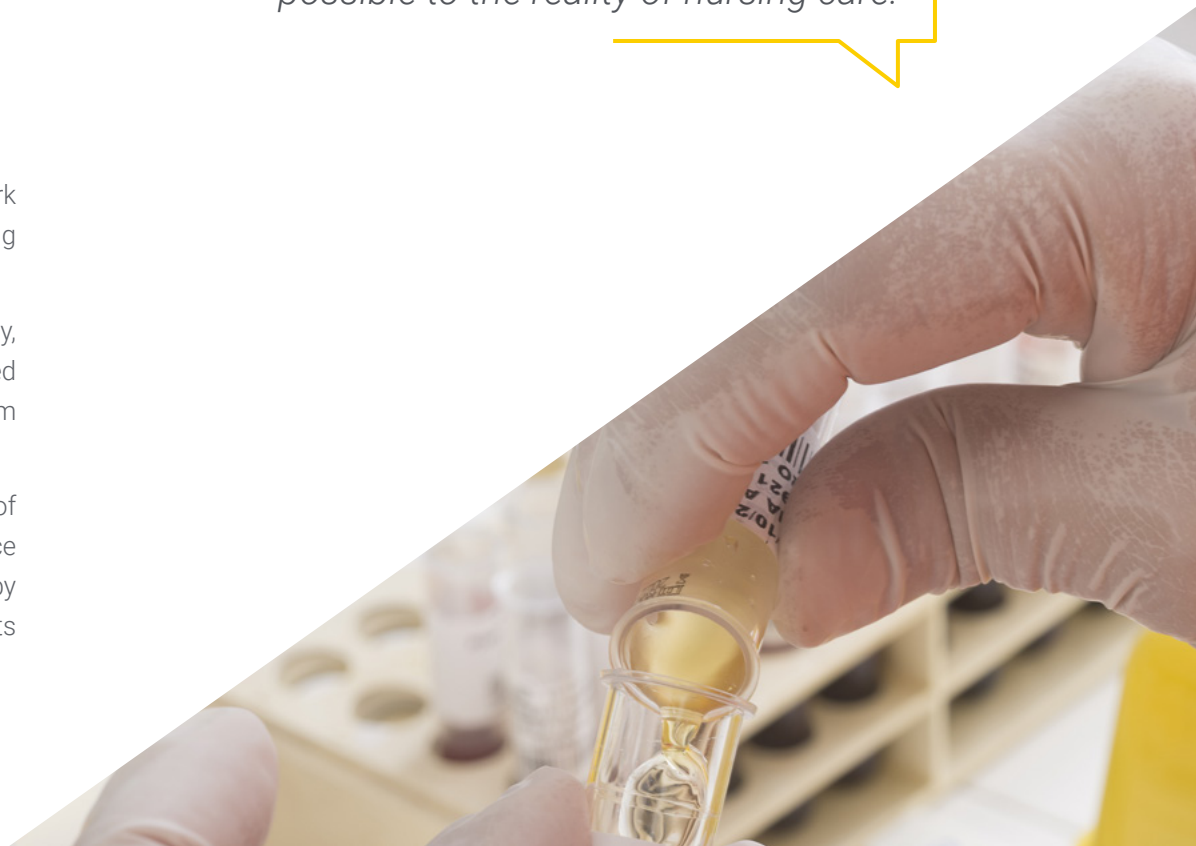
This program offers training in simulated environments, which provides an immersive learning experience designed to train for real-life situations.

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

Its teaching staff includes leading nursing professionals, who contribute their work experience to this up to date program, in addition to other professionals specializing in the Hospital Emergency Services.

Thanks to its multimedia content, developed with the latest educational technology, professionals will benefit from situated and contextual learning—simulated environments designed to provide immersive learning experiences that prepare them for real-life situations.

The design of the program is based on Problem-Based Learning, by means of which the nursing professional must try to solve the different professional practice situations that arise throughout the program. For this reason, you will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of surgical nursing care with extensive teaching experience.



02

Objectives

The Postgraduate Certificate is aimed at reviewing the main aspects of managing HIV patients, based on scientific evidence and the experience of recognized professionals.

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This program will instill a sense of confidence in decision-making and care delivery, helping you to grow both personally and professionally”



General Objective

- Update nursing professionals working in internal medicine services by following the principles of nursing methodology, in order to provide high-quality care to HIV patients, as well as to monitor and control iatrogenic infections in the hospital setting

Make the most of the opportunity and update yourself on the most important aspects of Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections.





Specific Objectives

- ♦ Describe the Internal Medicine Service and its organization
- ♦ Update procedures for the comprehensive assessment of patients
- ♦ Appropriately apply nursing records in the Internal Medicine Service
- ♦ Identify expert care related to patient safety
- ♦ Identify the clinical changes in different situations
- ♦ Apply the appropriate nursing care before and after procedures or techniques performed in Internal Medicine
- ♦ Recognize the necessary material resources for performing different diagnostic or therapeutic tests
- ♦ Identify the most common health problems in patients with chronic diseases
- ♦ Differentiate modifiable risk factors and how to modify them
- ♦ Define the epidemiology and pathophysiology of HIV
- ♦ Establish nursing care for HIV patients
- ♦ Describe the measures for the prevention of HIV
- ♦ Describe general isolation and infection prevention measures
- ♦ Identify risk factors for nosocomial infections
- ♦ Describe preventive measures for nosocomial infections

03

Course Management

The program includes a faculty of nursing professionals who are experts in the field of hospital emergency care, sharing their practical experience in this training. In addition, other distinguished specialists have participated in the development of the course content, enriching the program through an interdisciplinary approach.



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Learn from leading professionals about the latest advancements in the care of stroke patients in the intensive care unit”

Management



Ms. Ródenas Giménez, María Asunción

- ♦ Diploma in Nursing
- ♦ Master's Degree in Nursing Sciences, University of Alicante, Spain
- ♦ Nursing Supervisor in Internal Medicine Services at Elche University General Hospital Alicante, Spain
- ♦ Member of the Thrombosis and Hemostasis Commission and of the clinical research team in the Internal Medicine Service of the Elche General University Hospital Alicante, Spain

Faculty

Ms. Cantó Pastor, María Teresa

- ♦ Diploma in Nursing
- ♦ Master's Degree in Nursing Sciences, from the University of Alicante, Spain
- ♦ Diploma of Pedagogical Adaptation in the Faculty of Health Sciences at the University of Alicante
- ♦ Internal Medicine Nurse in Elche University General Hospital Alicante, Spain
- ♦ University Tutor in Hospital Practice at Elche University General Hospital Alicante, Spain

Dr. López García, Francisco

- ♦ Bachelor's Degree in Medicine and Surgery
- ♦ Specialist in Internal Medicine Services at Elche University General Hospital Alicante, Spain
- ♦ Internal Medicine Resident Tutor at Orihuela Hospital Alicante, Spain
- ♦ Vocal Member of Valencian Community Society of Internal Medicine
- ♦ Secretary of the COPD Working Group of the Spanish Society of Internal Medicine, coordinator and principal investigator of the ECCO Study: "Study of Comorbidity in COPD patients hospitalized in Internal Medicine Services (ECCO Study)"
- ♦ Author of 89 indexed scientific publications and 32 chapters in books or monographs. Author and editor of 5 books published on COPD

Ms. Miguel Manzanera, Matilde

- ♦ Diploma in Nursing
- ♦ Work experience in hospitalization units: Cardiology, Pneumology, Infectious Diseases and Internal Medicine of the Elche General University Hospital Alicante, Spain
- ♦ Lecturer in the Respiratory Knowledge Update (EVES), Mechanical Ventilation (EVES) and NIV Management Workshop courses
- ♦ University Tutor in Hospital Practice at Elche University General Hospital Alicante, Spain

Dr. Mora Rufete, Antonia

Bachelor's Degree in Medicine and Surgery

- ♦ PhD in Medicine from the Faculty of Medicine from the University of Alicante
- ♦ Specialist in Internal Medicine
- ♦ Head of Department in Internal Medicine Services at Elche University General Hospital Alicante, Spain
- ♦ Postgraduate in Specialist Care of Advanced Aged Patients and Pluripathology from Autonomous University of Barcelona
- ♦ 120 publications in spanish, european and american journals (articles published in JCR indexed journals with impact factor)
- ♦ Member of FOS (Fabry Outcome Survey) group and Pluripathological and Advanced Age Patient group of the Spanish Society for Internal Medicine (SEMI)



04

Structure and Content

The structure of the content has been designed by a team of professionals knowledgeable about the implications of nursing training in the internal medicine service, aware of the importance of up-to-date knowledge to provide quality care to patients, and committed to teaching through new educational technologies.



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This Postgraduate Certificate in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections contains the most complete and up-to-date scientific program on the market”

Module 1. General Overview of the Internal Medicine Service Organization

- 1.1. Introduction
- 1.2. Care Modalities and Service Portfolio
 - 1.2.1. Conventional Hospitalization
 - 1.2.2. Day Hospital
 - 1.2.3. Outpatient Clinics
 - 1.2.4. Home Hospitalization
 - 1.2.5. Service Portfolio
- 1.3. Location and Resources of the Internal Medicine Service
 - 1.3.1. Location of Internal Medicine Services and Relationship with Other Services
 - 1.3.2. Structural Resources
 - 1.3.3. Human Resources
- 1.4. Procedures, Activities and Protocols
 - 1.4.1. Operating Standards for Different Structural Resources
 - 1.4.2. Patient Management: Admission, Medical History and Practice Protocols
 - 1.4.3. Clinical and Care Protocols. List of Informed Consent Forms

Module 2. Surveillance of Nosocomial Infections

- 2.1. Concepts
 - 2.1.1. Asepsis. Antisepsis. Sterile Technique
- 2.2. General Isolation Measures
 - 2.2.1. General Isolation Techniques
 - 2.2.2. Personal Protective Equipment
 - 2.2.3. Disinfection
- 2.3. Infection Control Precautions
 - 2.3.1. Standard Precautions
 - 2.3.2. Transmission-Based Precautions
- 2.4. Nosocomial Infections
 - 2.4.1. Locations
 - 2.4.2. Risk Factors
 - 2.4.3. Types of Isolation
 - 2.4.4. Prevention of Nosocomial Infections





- 2.5. Preventions of Infections Associated with Various Hospital Procedures
 - 2.5.1. Prevention of Nosocomial Infections Associated with Urinary Catheterization
 - 2.5.2. Recommendations for Preventing Infections Associated with the Insertion of Intravenous Catheters
- 2.6. Prevention of Infections in Healthcare Professionals
 - 2.6.1. Standards. Vaccines. Recommendations

Module 3. Management of HIV Patients

- 3.1. Basic Aspects and Diagnosis of HIV
 - 3.1.1. Definition
 - 3.1.2. Epidemiology
 - 3.1.3. Pathophysiology
- 3.2. Therapeutic Regimen
 - 3.2.1. Pharmacology
 - 3.2.2. Nursing Care
 - 3.2.3. Health Education
- 3.3. AIDS
 - 3.3.1. Prevention
 - 3.3.2. Current Situation
 - 3.3.3. Advancements



A unique, essential and decisive learning experience to boost your professional development"

05

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

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TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

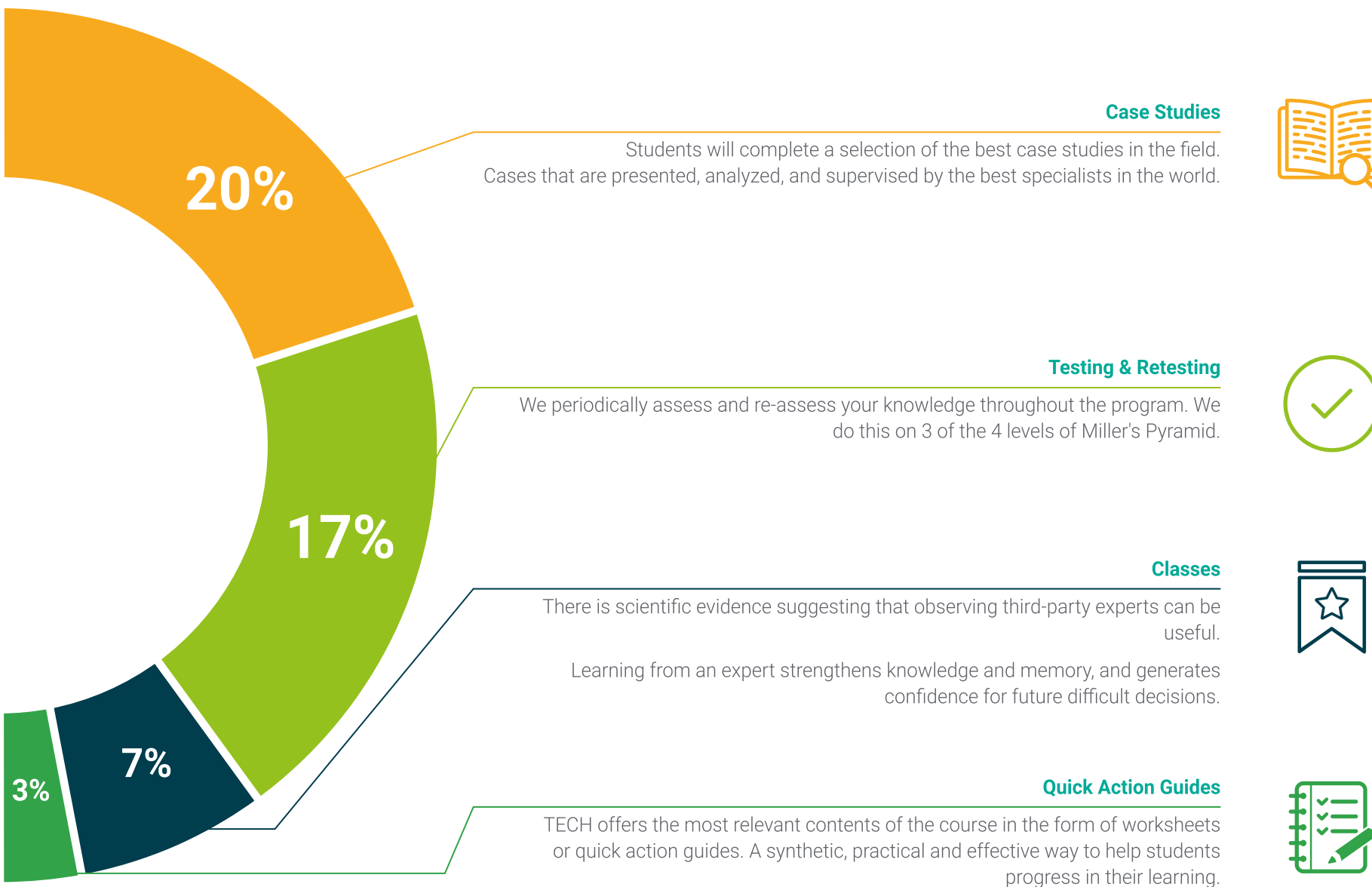
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

The Postgraduate Certificate in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections** 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 Nursing Management and Care of HIV Patients and Surveillance of Nosocomial Infections**

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