

Postgraduate Certificate

Respiratory Microbiota and Allergies for Nursing





Postgraduate Certificate Respiratory Microbiota and Allergies for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/respiratory-microbiota-allergies-nursing

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01

Introduction

Studies of pulmonary microbiota are very recent, due to the complexity of obtaining samples and accessing the organ, since invasive methods are required. However, with advances in science and technology, new hypotheses and discoveries continue to be made that demonstrate the influence of the respiratory microbiota on allergies and other pathologies. In order to keep abreast of the most relevant advances and aspects in this regard, TECH has designed this academic program by the most specialized team, which will provide exemplary cases and more detailed content. It will be available 100% online, 24 hours a day, from the most modern, secure and comfortable online platform, accessible from any device with an internet connection.





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The study of the Respiratory Microbiota opens a door to the knowledge of multiple diseases, bringing great value to the curriculum of the nursing staff"

For a long time, researchers used to defend the view that healthy lungs were sterile lungs, but the existence of microorganisms in these organs, in a balanced way, allows for good health and even protection from certain pathologies.

Delve into the main ecosystems that are differentiated in the oral cavity, its characteristics and composition, will allow the nurse to assume a performance according to the patient's requirements and in support with the medical professional who determines a precise diagnosis and therapy.

When the composition of the pulmonary microbiota presents an imbalance, Dysbiosis appears and this Diploma will also address the predisposing factors to oral Dysbiosis, as well as the influence of external agents in Eubiosis and oral Dysbiosis.

As part of the central theme of this program, we will review the latest evidence regarding the structure of the respiratory tract and the composition of the microbiota and microbiome, the factors that regulate them and the relationship of their alteration with the different diseases of the respiratory tract.

A complete syllabus that is presented 100% online, under the Relearning methodology, the most avant-garde system of study at present and with all the resources that the professional needs to advance in a comfortable way and with the quality he/she desires.

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

- ♦ The development of case studies presented by experts in Human Microbiota for 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 the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ 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



By enrolling in this Postgraduate Certificate you will enter a new style of study and enjoy the best academic experience 100% online"

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You will analyze the main oral ecosystems and the microorganisms that inhabit them to determine the influence on certain diseases”

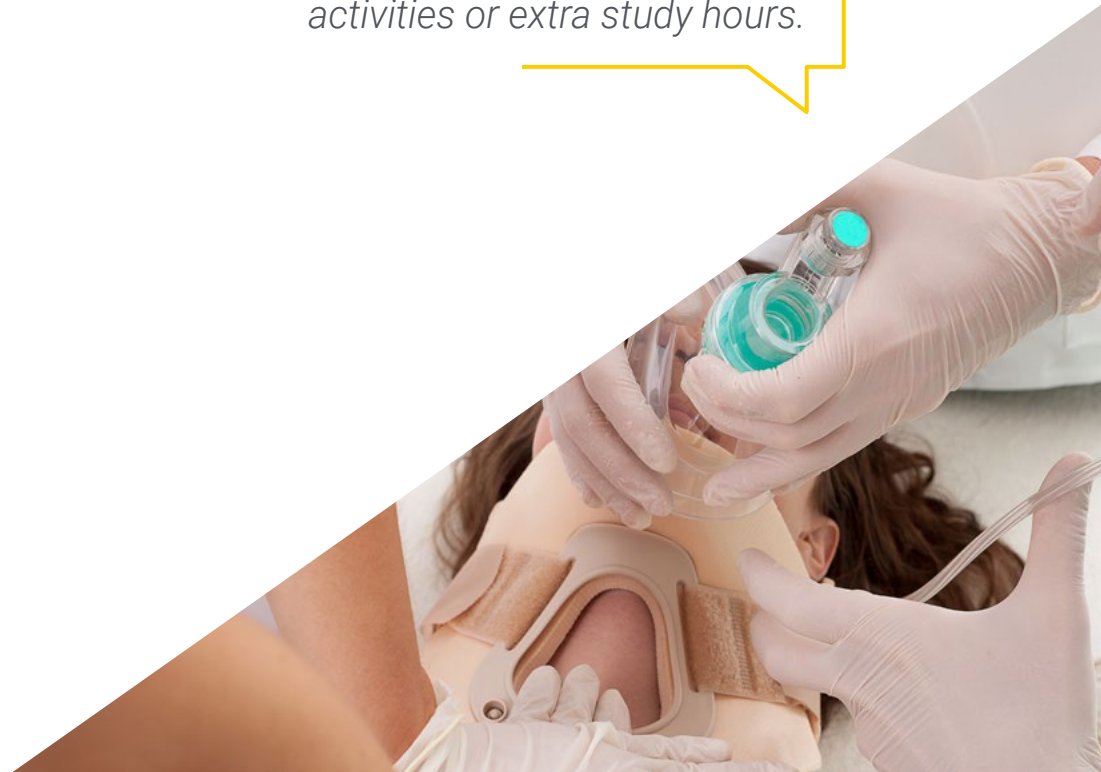
The program’s teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its 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 education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

You will delve into the current lines of research on Respiratory Microbiota and Allergies for Nursing in just 6 weeks.

You will be able to earn your degree without sacrificing any of your current activities or extra study hours.



02 Objectives

This Postgraduate Certificate in Respiratory Microbiota and Allergies for Nursing includes everything necessary for the graduate to develop an updated professional profile for Nursing. It has been designed with the purpose of understanding the most current lines of research and focused on the role of oral microbiota and its relationship with the respiratory system pathologies, among other aspects that will be raised throughout the academic course, reaching the goal in an advanced way.



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Update your professional practice with this Postgraduate Certificate 100% online and from the hands of the best teachers that will help you reach your goal”



General Objective

- Offer a complete and wide vision of the current situation in the area of the Human Microbiota, in its widest sense, the importance of the balance of this Microbiota as a direct effect on health, with the multiple factors that influence it positively and negatively
- Argue with scientific evidence how the microbiota and its interaction with many non-digestive pathologies, of autoimmune nature or its relation with the deregulation of the immune system, the prevention of diseases and as support to other treatments in the daily practice of nursing
- Promote work strategies based on the integral approach of the patient as a reference model, not only focusing on the symptomatology of the specific pathology, but also looking at its interaction with the microbiota and how it may be influencing it
- Encourage professional stimulation through continuous learning and research





Specific Objectives

- ♦ Study the mechanisms by virtue of which Probiotics are postulated as preventive in the formation of dental caries and periodontal diseases
- ♦ Know in depth all the oral and respiratory structure and the ecosystems that live in them, seeing how an alteration of these ecosystems have a direct relationship with many associated pathologies



Human Microbiota researchers and health care professionals are in this exclusive TECH program and will be your teachers for 6 weeks"

03

Course Management

The most experienced professionals in the field of science and health are integrated in the teaching team of this Diploma. Thanks to their up-to-date and active profiles in the field of the specialty covered by this academic program, they will provide a high-level teaching load. In addition, together with their intellectual capacity, there is the human condition they possess, which will determine a relationship of broad guidance and support throughout the entire journey, providing a great contribution to the learning process.





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With the help of the most reputable teachers, you will follow an academic path of the highest professional quality"

Guest Directors



Dr. María Isabel Sánchez Romero

- ♦ Area Specialist in the Microbiology Department of the Puerta de Hierro Majadahonda University Hospital, Madrid
- ♦ PhD in Medicine and Surgery from the University of Salamanca
- ♦ Medical Specialist in Clinical Microbiology and Parasitology
- ♦ Member of the Spanish Society of Infectious Diseases and Clinical Microbiology.
- ♦ Technical Secretary of the Madrid Society of Clinical Microbiology



Dr. María Francisca Portero Azorín

- ♦ Acting Head of the Microbiology Service at the Puerta de Hierro Majadahonda University Hospital
- ♦ Specialist in Microbiology and Clinical Parasitology at the Puerta de Hierro University Hospital
- ♦ Doctorate in Medicine from the Autonomous University Madrid
- ♦ Postgraduate in Clinical Management by Gaspar Casal Foundation.
- ♦ Research stay at the Presbyterian Hospital of Pittsburg through a FISS scholarship.



Dr. Teresa Alarcón Cavero

- ◆ Biologist Specialist in Microbiology, Princesa University Hospital
- ◆ Head of Group 52 of the Research Institute of the La Princesa Hospital.
- ◆ Degree in Biological Sciences with a major in Fundamental Biology from the Complutense University of Madrid.
- ◆ Master's Degree in Medical Microbiology from the Complutense University of Madrid.



Dr. María Muñoz Algarra

- ◆ Head of Patient Safety at the Microbiology Department of the Puerta de Hierro Majadahonda University Hospital.
- ◆ Area Specialist in the Microbiology Department of the Puerta de Hierro Majadahonda University Hospital, Madrid
- ◆ Collaborator Department of Preventive Medicine and Public Health and Microbiology Autonomous University of Madrid
- ◆ Doctorate in Pharmacy from the Complutense University of Madrid.



Dr. Marcos López Dosil

- ♦ Area Specialist in Microbiology and Parasitology at San Carlos Clinical University Hospital.
- ♦ Specialist Physician of the Microbiology and Parasitology Department of the Mostoles Hospital
- ♦ Master's Degree in Infectious Diseases and Antimicrobial Treatment from CEU Cardenal Herrera University
- ♦ Master's Degree in Tropical and Health Medicine from the Autonomous University of Madrid
- ♦ Expert in Tropical Medicine from the Autonomous University Madrid



Jorge Anel Pedroche

- ♦ Facultative Area Specialist. Microbiology Department, Puerta de Hierro University Hospital, Majadahonda, Spain
- ♦ Degree in Pharmacy from the Complutense University of Madrid.
- ♦ Course in Interactive Sessions on Hospital Antibiotherapy by MSD
- ♦ Updating course on infection in hematologic patients by Puerta del Hierro Hospital.
- ♦ Attendance at the XXII Congress of the Spanish Society of Infectious Diseases and Clinical Microbiology.

Management



Ms. María Ángeles Fernández Montalvo

- ◆ Naintmed - Nutrition and Integrative Medicine
- ◆ Director of the Master's Degree in Human Microbiota at CEU University.
- ◆ Parapharmacy Manager, Nutrition and Natural Medicine professional at Natural Life Parapharmacy.
- ◆ Degree in Biochemistry from the University of Valencia
- ◆ Diploma in Natural and Orthomolecular Medicine
- ◆ Postgraduate in Food, Nutrition and Cancer: prevention and treatment.
- ◆ Master's Degree in Integrative Medicine from CEU University
- ◆ Specialist Degree in Nutrition, Dietetics and Diet Therapy
- ◆ Expert in Vegetarian, Clinical, and Sports Nutrition
- ◆ Expert in the current use of Nutricosmetics and Nutraceuticals in general.

Professors

Dr. Rocío López Martínez

- ◆ Immunology Physician at the Vall d'Hebron Hospital.
- ◆ Internal Biologist in Immunology at Central University Hospital of Asturias.
- ◆ Master in Biostatistics and Bioinformatics, Universidad Oberta of Catalunya.

Ms. Eva Bueno García

- ◆ Predoctoral researcher in Immunosenescence at the Immunology Service of the Central University Hospital of Asturias (HUCA).
- ◆ Degree in Biology from the University of Oviedo
- ◆ Master's Degree in Biomedicine and Molecular Oncology from the University of Oviedo
- ◆ Molecular biology and immunology courses

Dr. Patricia Verdú López

- ◆ Medical Specialist in Allergology at the Beata María Ana Hospital of Hermanas Hospitalarias.
- ◆ Physician specializing in Allergology at Inmunomet Health and Integral Wellness Center.
- ◆ Research physician in Allergology at San Carlos Hospital.
- ◆ Specialist in Allergology at the University Hospital Dr. Negrín in Las Palmas of Gran Canaria.
- ◆ Degree in Medicine from the University of Oviedo
- ◆ Master's Degree in Aesthetics and Antiaging Medicine at Complutense La University of Madrid

Dr. José Uberos

- ♦ Head of section in the Neonatology area of the San Cecilio Clinical Hospital of Granada
- ♦ Specialist in Pediatrics and Child Care
- ♦ Associate Professor of Pediatrics, University of Granada
- ♦ Vocal Bioethics Research Committee of the Province of Granada (Spain)
- ♦ Coeditor of the Signs and Symptoms Journal
- ♦ Professor Antonio Galdo Award. Society of Pediatrics of Eastern Andalucía
- ♦ Editor of the Journal of the Pediatric Society of Eastern Andalusia (Bol. SPAO)
- ♦ Doctor of Medicine and Surgery.
- ♦ Degree in Medicine from the University of Santiago de Compostela
- ♦ Member of the Board of the Pediatric Society of Eastern Andalusia.

Ms. Carolina Rodríguez Fernández

- ♦ Research Biotechnologist at Adknoma Health Research
- ♦ Researcher at Adknoma Health Research
- ♦ Master in Clinical Trials Monitoring by ESAME Pharmaceutical Business School.
- ♦ Master's Degree in Food Biotechnology from the University of Oviedo.
- ♦ University Expert in Digital Teaching in Medicine and Health by CEU Cardenal Herrera University.

Dr. Verónica Álvarez García

- ♦ Assistant Physician of the Digestive Area at the Río Hortega University Hospital.
- ♦ Specialist in Digestive System at the Central Hospital of Asturias
- ♦ Speaker at the XLVII Congress SCLECARTO
- ♦ Degree in Medicine and Surgery
- ♦ | Digestive System Specialist



Dr. Silvia Pilar Gonzalez Rodríguez

- ◆ Deputy Medical Director, Research Coordinator and Clinical Chief of the Menopause and Osteoporosis Unit at Velázquez Medical Office.
- ◆ Specialist in Gynecology and Obstetrics at HM Gabinete Velázquez
- ◆ Medical Expert at Bypass Comunicación en Salud, SL
- ◆ Key Opinion Leader of several international pharmaceutical laboratories
- ◆ Doctor in Medicine and Surgery from the University of Alcalá de Henares, specializing in Gynecology.
- ◆ Specialist in Mastology by the Autonomous University of Madrid.
- ◆ Master's Degree in Sexual Orientation and Therapy from the Sexological Society of Madrid.
- ◆ Master's Degree in Climacteric and Menopause from the International Menopause Society.
- ◆ Postgraduate Diploma in Epidemiology and New Applied Technologies from the UNED (Spanish Distance Learning University)
- ◆ University Diploma in Research Methodology from the Foundation for the Training of the Medical Association and the National School of Health of the Carlos III Health Institute.

Dr. Beatriz Rioseras de Bustos

- ◆ Beatriz Rioseras de Bustos
- ◆ Immunology Resident at HUCA
- ◆ Member of the Biotechnology of Nutraceuticals and Bioactive Compounds Research Group (Bionuc) of the University of Oviedo.
- ◆ Member of the Microbiology Area of the Department of Functional Biology.
- ◆ Stay in the Southern Denmark University
- ◆ Doctorate in Microbiology from the University of Oviedo.
- ◆ Master's Degree in Neuroscience Research from the University of Oviedo

Dr. Felipe Lombó Burgos

- ◆ PhD in Biology
- ◆ Head of the BIONUC Research Group, University of Oviedo.
- ◆ Former Director of the Research Support Area of the AEI Project.
- ◆ Member of the Microbiology Area of the University of Oviedo.
- ◆ Co-author of the research *Biocidal nanoporous membranes with inhibitory activity of biofilm formation at critical points in the production process of the dairy industry*'.
- ◆ Head of the study '100% natural acorn-fed ham against inflammatory intestinal diseases'.
- ◆ Speaker III Congress of Industrial Microbiology and Microbial Biotechnology

Dr. Rebeca Alonso Arias

- ◆ Director of the Immunosenescence research group of the HUCA Immunology Service.
- ◆ Specialist Immunology Physician at the Central University Hospital of Asturias.
- ◆ Numerous publications in international scientific journals
- ◆ Research work on the association between the microbiota and the immune system
- ◆ 1st National Award for Research in Sports Medicine, 2 occasions.

Dr. Gabaldon Estevani, Toni

- ◆ IRB and BSC senior group leader
- ◆ Co-founder and Scientific Advisor (CSO) of Microomics SL
- ◆ ICREA Research Professor and Group Leader of the Comparative Genomics Laboratory
- ◆ Doctor of Medical Sciences, Radboud University Nijmegen.
- ◆ Corresponding Member of the Royal National Academy of Pharmacy of Spain.
- ◆ Member of the Spanish Young Academy

Dr. Fernández Madera, Juan

- ♦ Allergologist at HUCA
- ♦ Former Head of the Allergology Unit, Monte Naranco Hospital, Oviedo.
- ♦ Allergology Service, Central University Hospital of Asturias.
- ♦ Member of: Alergonorte Board of Directors, SEAIC Rhinoconjunctivitis Scientific Committee and Medicinatv.com Advisory Committee.

Dr. Celia Méndez García

- ♦ Biomedical Researcher at Novartis Laboratories in Boston, USA.
- ♦ Doctorate in Microbiology from the University of Oviedo.
- ♦ Member of the North American Society for Microbiology.

Dr. Eduardo Narbona López

- ♦ Speciality Neonatal Unit, San Cecilio University Hospital
- ♦ Advisor to the Department of Pediatrics, University of Granada.
- ♦ Member of: Pediatric Society of Western Andalusia and Extremadura and Andalusian Association of Primary Care Pediatrics.

Dr. Antonio López Vázquez

- ♦ Immunology at the Central University Hospital of Asturias
- ♦ Specialist in Immunology at the University Hospital Central de Asturias, Spain
- ♦ Collaborator of the Carlos III Health Institute
- ♦ Advisor of Aspen Medical
- ♦ Doctor of Medicine, University of Oviedo.

Dr. Fernando Losa Domínguez

- ♦ Gynecologist at the Sagrada Familia Clinic of HM Hospitals
- ♦ Doctor in private practice in Obstetrics and Gynecology in Barcelona.
- ♦ Expert in Gynecoesthetics by the Autonomous University of Barcelona.
- ♦ Member of: Spanish Association for the Study of Menopause, Spanish Society of Phytotherapeutic Gynecology, Spanish Society of Obstetrics and Gynecology and Board of the Menopause Section of the Catalan Society of Obstetrics and Gynecology.

Dr. Aranzazu López López

- ♦ Specialist in Biological Sciences research
- ♦ Researcher at Fisabio Foundation
- ♦ Assistant Researcher at the University of the Balearic Islands
- ♦ PhD in Biological Sciences from the University of the Balearic Islands.

Ms. Marta Suárez Rodríguez

- ♦ Gynecologist specialized in Senology and Breast Pathology
- ♦ Researcher and University Professor
- ♦ PhD in Medicine and Surgery from the Complutense University of Madrid.
- ♦ Degree in Medicine and Surgery from the Complutense University of Madrid
- ♦ Master's Degree in Senology and Breast Pathology from the Autonomous University of Barcelona



04

Structure and Content

From the broadest perspective of the specialists that make up the teaching team of this academic program, the topics have been developed so that the graduate can understand the latest scientific evidence about the Human Microbiota and its relationship with respiratory pathologies and allergies. With a wide repertoire of multimedia resources: detailed videos, complementary readings, images, guides, tests, among others, which will be available 24 hours a day from the most modern and secure online platform, which you can access from any device with an internet connection. Undoubtedly, it is a new way to update and advance in their professional performance.






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TECH offers you an exclusive academic itinerary about advances in Respiratory Microbiota and Allergies to update your nursing practice"

Module 1. Oral Microbiota and Respiratory Tract

- 1.1. Structure and Oral Ecosystems
 - 1.1.1. Main oral ecosystems
 - 1.1.2. Key Points
- 1.2. Main Ecosystems that are Found in the Oral Cavity. Characteristics and Composition of Each of Them. Nostrils, Nasopharynx and Oropharynx
 - 1.2.1. Anatomical histological Features of the Oral Cavity
 - 1.2.2. Nasal Fossa
 - 1.2.3. Nasopharynx and oropharynx
- 1.3. Alterations of the Oral Microbial Ecosystem: Oral Dysbiosis. Relationship with Different Oral Disease States
 - 1.3.1. Characteristics of Oral Microbiota
 - 1.3.2. Oral diseases
 - 1.3.3. Recommended measures to reduce dysbiotic processes
- 1.4. Influence of External Agents in Oral Eubiosis and Dysbiosis. Hygiene
 - 1.4.1. Influence of external agents on eubiosis and dysbiosis.
 - 1.4.2. Oral symbiosis and dysbiosis
 - 1.4.3. Predisposing factors to oral dysbiosis
- 1.5. Structure of the Respiratory Tract and Composition of the Microbiota and Microbiome
 - 1.5.1. Upper Respiratory Routes
 - 1.5.2. Lower respiratory tract
- 1.6. Factors that Regulate the Respiratory Microbiota
 - 1.6.1. Metagenomics
 - 1.6.2. Hygiene hypothesis
 - 1.6.3. Viroma
 - 1.6.4. Microbiome or fungiome
 - 1.6.5. Probiotics in bronchial asthma
 - 1.6.6. Diet
 - 1.6.7. Prebiotics
 - 1.6.8. Bacterial translocation
- 1.7. Alteration of the Respiratory Tract Microbiota and its Relationship with Different Respiratory Tract Diseases
 - 1.7.1. Pathogenesis and clinical manifestations of upper respiratory tract infections
 - 1.7.2. Pathogenesis and clinical manifestations of lower respiratory tract infections



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- 1.8. Therapeutic Manipulation of the Microbiome of the Oral Cavity in Prevention and Treatment of Related Diseases
 - 1.8.1. Definition of probiotics, prebiotics and symbiotics
 - 1.8.2. Application of probiotics in the oral cavity
 - 1.8.3. Probiotic strains used in the mouth
 - 1.8.4. Action in relation to oral diseases
 - 1.9. Therapeutic Manipulation of the Microbiome of the Respiratory Tract in Prevention and Treatment of Related Diseases
 - 1.9.1. Efficacy of probiotics for the treatment of respiratory tract disease: GI-Respiratory axis.
 - 1.9.2. Use of probiotics for the treatment of rhinosinusitis
 - 1.9.3. Use of probiotics for otitis treatment
 - 1.9.4. Use of probiotics for the treatment of upper respiratory infections
 - 1.9.5. Use of probiotics in rhinitis and allergic bronchial asthma
 - 1.9.6. Probiotics to prevent lower respiratory tract infections
 - 1.9.7. Studies with lactobacilli
 - 1.9.8. Studies with bifidobacteria
 - 1.10. Current Lines of Research and Clinical Applications
 - 1.10.1. Transfer of fecal material
 - 1.10.2. Extraction of Nucleic Acids
 - 1.10.3. Sequencing method
 - 1.10.4. Strategies for Microbiota Characterization.
 - 1.10.5. Metataxonomics
 - 1.10.6. Metataxonomy of the active fraction
 - 1.10.7. Metagenomics
 - 1.10.8. Metabolomics

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.





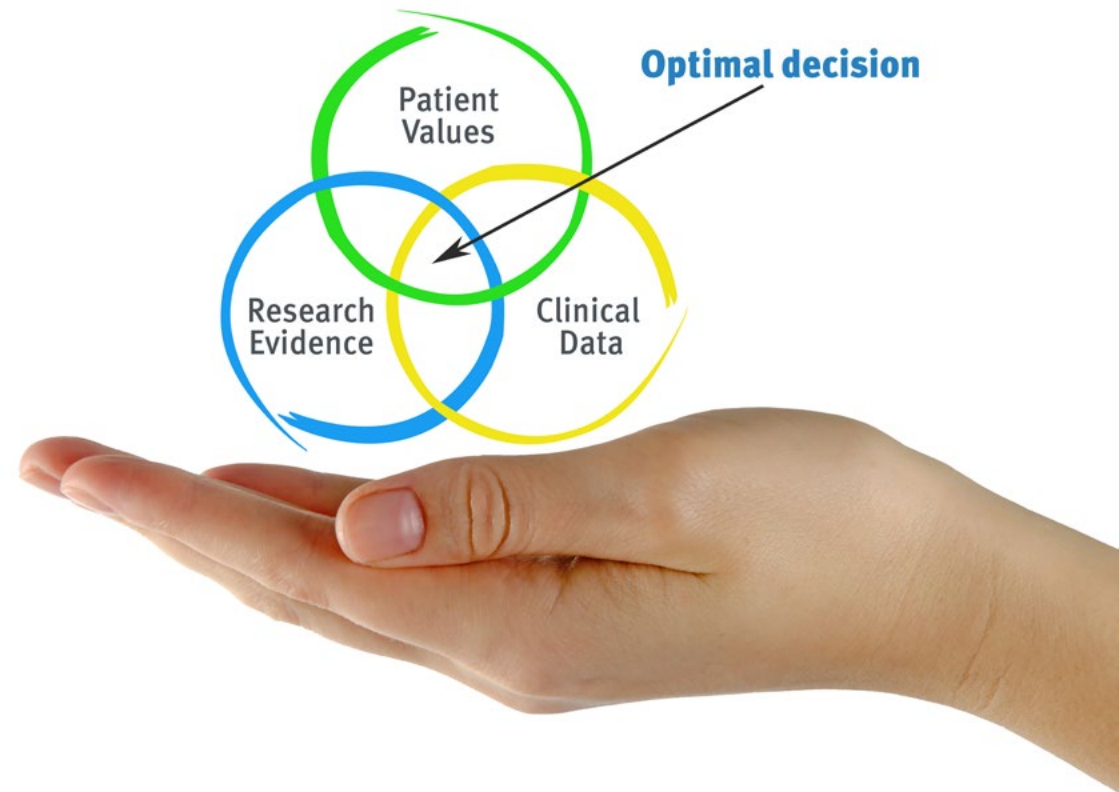
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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 Respiratory Microbiota and Allergies for Nursing 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 private qualification will allow you to obtain a **Postgraduate Certificate in Respiratory Microbiota and Allergies for Nursing** 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 Respiratory Microbiota and Allergies for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **18 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.

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



Postgraduate Certificate Respiratory Microbiota and Allergies for Nursing

- » Modality: online
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Postgraduate Certificate

Respiratory Microbiota and Allergies for Nursing

