

Postgraduate Certificate Natural Therapies Applied in Veterinary Medicine





Postgraduate Certificate Natural Therapies Applied in Veterinary Medicine

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of Hours: **150 h.**

Website: www.techtitute.com/pharmacy/postgraduate-certificate/natural-therapies-applied-veterinary-medicine

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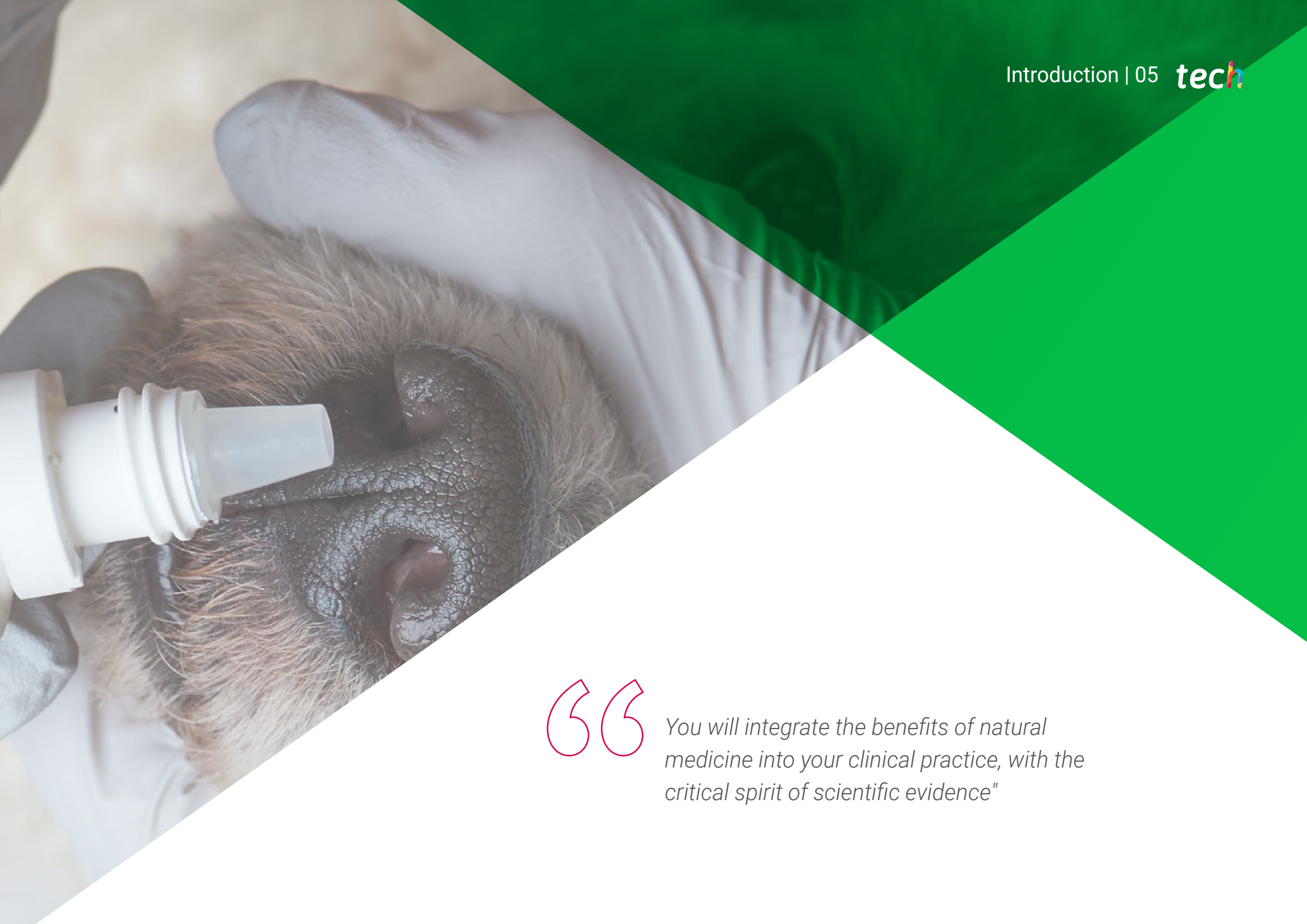
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01

Introduction

This high-level program summarizes the natural methods that have traditionally been used in Naturopathic Medicine, focusing on three strategies that are the most commonly used in Veterinary Medicine: homeopathy, phytotherapy and the use of nutraceuticals. It addresses the history of its evolution and the different paradigms on which it is based, sources and methodologies. In addition, this specialization fosters a critical spirit based on scientific evidence and offers the student a practical application for the resolution of clinical problems of disease or prophylaxis. Undoubtedly, this program is a high-level training that stands out for the excellent quality of its contents and for its teaching staff, composed of professionals with years of experience in Natural Therapies Applied in Veterinary Medicine, in the pharmacological field.





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You will integrate the benefits of natural medicine into your clinical practice, with the critical spirit of scientific evidence”

This Postgraduate Certificate addresses the basic criteria of Naturopathic Medicine as a strategy that not only does not displace, but complements conventional medicine. This is a method of action that is increasingly in demand by pharmacists and offers advantages and benefits as a complement to traditional techniques.

This high-quality program offers the most advanced resources in online specialization, to guarantee the student an effective, real and practical learning that boosts their competencies to the highest level in this area of work.

The content of each topic provides the student with comprehensive training in the theoretical and practical aspects of Veterinary Pharmacology. The practical cases that are presented make the course unique by applying different simulated situations that will allow the student to develop skills for their performance in the real clinical environment.

The program includes practical activities to facilitate students' acquisition and mastery of the theory learned, supporting and complementing the knowledge acquired in the theoretical teaching. The contents are presented to the professional in an attractive and dynamic way in multimedia packages that include videos, images and diagrams in order to reinforce knowledge.

This **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine** contains the most complete and up-to-date educational program on the market. The most important features of the program include:

- ◆ Practical cases presented by experts in Veterinary Pharmacology
- ◆ 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
- ◆ Practical exercises where self-assessment can be used 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

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You will study natural medicine in depth with an analysis of the different existing paradigms and their historical evolution up to the present day”

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A revolutionary program for its ability to reconcile the highest quality of learning with the most complete online specialization"

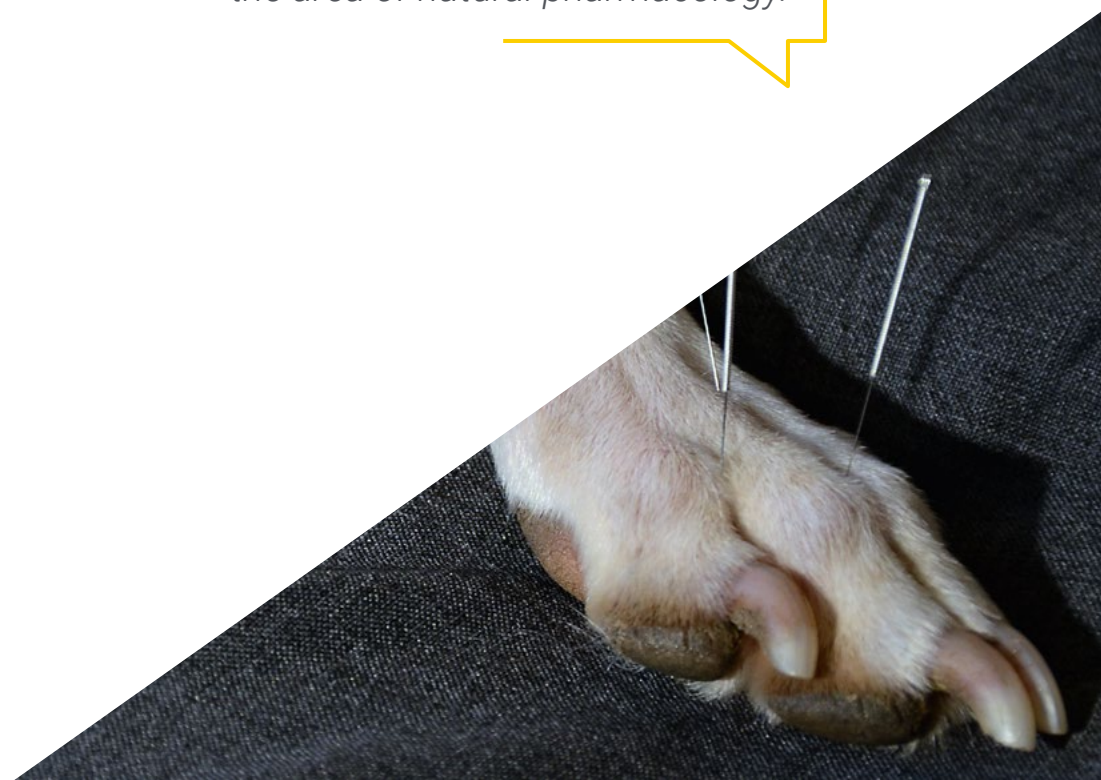
The program's teaching staff includes professionals from sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

A unique opportunity to learn with internationally renowned professors, with teaching, clinical and research experience.

A training program in areas of general veterinary pharmacology, the legal framework in which it is developed and the area of natural pharmacology.



02

Objectives

The design of this Postgraduate Certificate program will allow students to acquire the necessary skills to update their knowledge in the profession after studying in depth the key aspects of Veterinary Pharmacology. Its objective is to provide the student with the required competencies in relation to preclinical or clinical research of drugs used in veterinary medicine, and their application in the therapeutic use of drugs so that he/she can better incorporate into the professional field. The knowledge acquired in the development of the points of the syllabus will drive the professional from a global perspective, with full capacity to achieve the proposed goals.





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All the knowledge in the performance of drugs in different animal species covering Pharmacokinetics, Pharmacodynamics, Adverse Reactions and Interactions and the contribution of natural medicine to this area of work"



General Objectives

- ◆ Train professionals in simple and natural treatments, and their integration in the curative activities within Conventional Veterinary Medicine
- ◆ Examine the theoretical bases of Natural Medicines; especially homeopathy, phytotherapy and the use of nutraceuticals
- ◆ Briefly frame the evolution of the disciplines within a historical context



A unique opportunity to specialise in a high demand professional field"





Specific Objectives

- ◆ Analyze objective clinical signs or manifestations and subjective symptoms or perceptions in homeopathy
- ◆ Approach the anamnesis from these objective and subjective manifestations
- ◆ Present the Homeopathic Materia Medica and its therapeutic indications
- ◆ Determine the rationale behind the development of drugs
- ◆ Approaching the approach to pathologies from homeopathic repertorization
- ◆ Establish the active principles most commonly used in phytotherapy and their application
- ◆ Examine the different nutraceutical products and their application

03

Course Management

The teaching team of this Postgraduate Certificate is formed by professionals specialized in the study of Pharmacology, both human and veterinary, with clinical experience in small and large animals. They have extensive and recognized teaching and research experience, with officially recognized six-year research periods, participation in numerous research projects and dissemination of their research both nationally and internationally in high impact journals, books and conferences.





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It a current and complete review of the use of natural pharmacology in the treatment of animal diseases”

Management



Dr. Santander Ballestín, Sonia

- ♦ Associate Professor of the Department of Pharmacology and Physiology. University of Zaragoza
- ♦ Degree in Biology and Biochemistry, specializing in the area of Pharmacology.
- ♦ Teaching Coordinator, Department of Pharmacology, University of Zaragoza, Spain.
- ♦ PhD with the European Degree from the University of Zaragoza.
- ♦ Master's Degree in Environment and Water Management. Andalusia Business School
- ♦ Lecturer in the Postgraduate Certificate "Introduction to Pharmacology: Principles for the Rational Use of Drugs" Basic Program of the University of Experience of Zaragoza.
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- ♦ Lecturer in the Postgraduate Certificate "Introduction to Pharmacology: Principles for the Rational Use of Drugs" Basic Program of the University of Experience of Zaragoza.
- ♦ Evaluation professor in objective structured clinical evaluation of the medical degree.
- ♦ Lecturer in the Postgraduate Certificate "Introduction to Pharmacology: Principles for the Rational Use of Drugs" Basic Program of the University of Experience of Zaragoza.



Professors

Dr. García Barrios, Alberto

- ◆ Interim Professor at the University of Zaragoza
- ◆ Casetas Veterinary Clinic
- ◆ Utebo Veterinary Clinic
- ◆ Nanoscale Biomagnetics R&D Researcher
- ◆ Veterinary Clinic Utebo. Clinical Veterinarian
- ◆ PhD in Veterinary Science
- ◆ Teacher with an interim contract. University of Zaragoza
- ◆ Degree in Veterinary Medicine
- ◆ Postgraduate Veterinary Oncology (Improve International). Homologation of the qualification to work with experimental animals

Ms. Luesma Bartolomé, María José

- ◆ Veterinarian. Study Group on Prion Diseases, Vectorial Diseases and Emerging Zoonoses at the University of Zaragoza.
- ◆ University Research Institute Study Group
- ◆ Film and anatomy teacher. University degree: Complementary Academic Activities
- ◆ Professor of Anatomy and Histology University degree: Graduate in Optics and Optometry. University of Zaragoza
- ◆ Professor of Final Degree Project University Degree, Bachelor's Degree in Medicine
- ◆ Professor of Morphology. Development Biology University degree: Professional Master's Degree in Initiation to Research in Medicine. University of Zaragoza
- ◆ Doctor of Veterinary Medicine. Official Doctorate Program in Veterinary Sciences. University of Zaragoza
- ◆ Degree in Veterinary Medicine. University of Zaragoza

04

Structure and Content

The structure of this Postgraduate Certificate has been designed in such a way that the professional to whom it is addressed will be able to identify and solve problems related to veterinary pharmacology, thanks to a unique methodology and the support of the experts who have developed it. This program offers the student a realistic learning opportunity in the context of Veterinary Pharmacology, which makes it an extremely useful tool for the professional pharmacist. Through clinical simulations at a practical level, you will be able to face real situations and provide a broader and more effective response to them.





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Learn in an efficient way, with a real qualification objective, with this Postgraduate Certificate, unique for its quality and price, in the online teaching market"

Module 1. Natural Therapies: Homeopathy, Phytotherapy and Nutraceuticals

- 1.1. Introduction
 - 1.1.1. Definition of Natural Therapies
 - 1.1.2. Classification
 - 1.1.3. Differences with Conventional Medicine
 - 1.1.4. Regulation
 - 1.1.5. Scientific Evidence
 - 1.1.6. Risk
- 1.2. Homeopathy I
 - 1.2.1. Brief Historical Review. The Hahnemann Concept
 - 1.2.2. Concept of Homeopathy: Key Ideas
 - 1.2.3. Basic Principles
- 1.3. Homeopathy II The Field of Homeopathy
 - 1.3.1. Constitutions
 - 1.3.2. Symptom Modalities
 - 1.3.3. Medical history
 - 1.3.4. Hering Blade
- 1.4. Homeopathy III Properties
 - 1.4.1. Preparation
 - 1.4.1.1. Substances Used in Their Manufacture
 - 1.4.1.2. Excipients
 - 1.4.2. Preparation of Mother Tincture
 - 1.4.3. Dilutions
 - 1.4.3.1. Dilution Methods and Dilutions
 - 1.4.3.2. Dynamization or Succussion
 - 1.4.3.3. Classification of Dilutions
 - 1.4.4. Pharmaceutical Forms
 - 1.4.5. Routes of Administration





- 1.5. Homeopathy IV Related Symptoms
 - 1.5.1. General aspects
 - 1.5.2. Medical Subject Matter. Hanemann's Treatment
 - 1.5.3. Introduction to the Repertoire
- 1.6. Approach to Pathologies from the Homeopathic Repertorization I
 - 1.6.1. Digestive system
 - 1.6.2. Respiratory System.
 - 1.6.3. Urinary System.
 - 1.6.4. Male and Female Genital Apparatus
- 1.7. Approach to Pathologies from the Homeopathic Repertorization II
 - 1.7.1. Mammitis
 - 1.7.2. Tegumentary System
 - 1.7.3. Locomotor System.
 - 1.7.4. Sensory Organs
- 1.8. Phytotherapy.
 - 1.8.1. Brief Historical Review
 - 1.8.2. Veterinary Phytotherapy
 - 1.8.3. Active Ingredients of Medicinal Plants
 - 1.8.4. Preparations and Forms of Administration
 - 1.8.5. Prescribing and Dispensing Guide
- 1.9. Phytotherapy. Addressing Pathologies
 - 1.9.1. Digestive system
 - 1.9.2. Respiratory System.
 - 1.9.3. Urinary System.
 - 1.9.4. Male and Female Genital Apparatus
 - 1.9.5. Locomotor System.
- 10.1. Nutraceuticals and Functional Foods
 - 10.1.1. Brief Historical Review
 - 10.1.2. Definition
 - 10.1.3. Classification and Application

06

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.



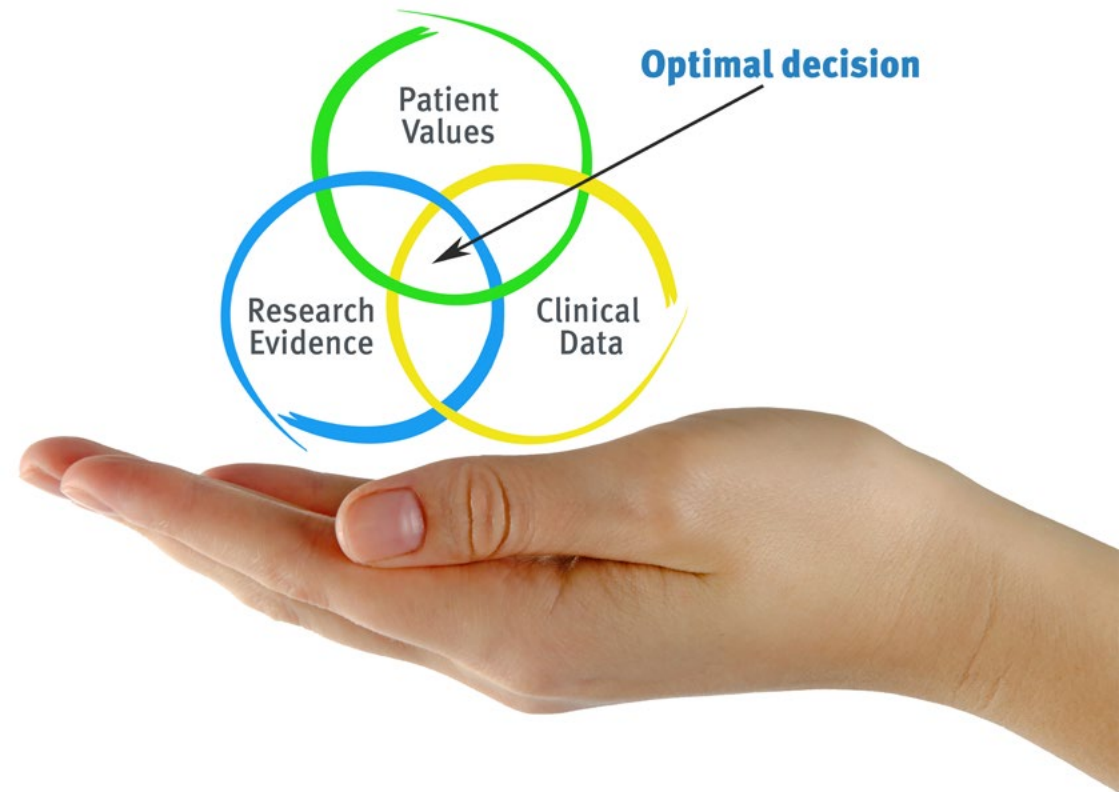


Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gervas, 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, attempting to recreate the actual conditions in a pharmacist's professional 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. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their 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.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.

Pharmacists 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, more than 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years.

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 created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.



Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better 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 unique multimedia content presentation training system 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, we will present you with real case developments in which the expert will guide you through 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 on the usefulness of learning by observing experts. The system known as 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 Natural Therapies Applied in Veterinary Medicine guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine** 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 Certificate** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Certificate in Natural Therapies Applied in Veterinary Medicine**

Official N° of Hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION 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
development languages
virtual classroom



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