

Postgraduate Certificate

Design of a Rehabilitation Plan for Small Animals





Postgraduate Certificate Design of a Rehabilitation Plan for Small Animals

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of hours: **150 h.**

Website: www.techtute.com/us/veterinary-medicine/postgraduate-certificate/design-rehabilitation-plan-small-animals

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01

Introduction

TECH's main objective for this program is to integrate veterinary medicine with rehabilitation techniques in order to treat the animal as a whole. Each patient manifests, suffers and responds differently to the same disease. Therefore, treatments should not simply be medical prescriptions, they should be tailored and personalized. Therefore, this training focuses on providing professionals with in-depth knowledge of physiotherapy and veterinary rehabilitation, both of which are considered to be a therapeutic complement to both medical and post-surgical treatments of locomotor disorders, they can also be included as a form of integrated analgesia therapy. The knowledge that will be detailed during the training will help the veterinarian to position themselves advantageously in a sector that is increasingly demanding more specialized professionals.





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This Postgraduate Certificate will train you in depth so that you can successfully implement veterinary rehabilitation plans and become an essential professional in this area"

The main objective pursued by the veterinarian is to integrate physiotherapeutic rehabilitation in order to treat the animal as a whole. In this sense, each patient manifests, suffers and responds differently to the same disease. Therefore, treatments should not simply be medical prescriptions, they should be tailored and personalized.

In order to adequately follow-up the evolution of the condition in each patient and to ensure that the patient gets the maximum benefit from the treatment, the physiotherapist regularly re-evaluates all the data described above, and reflects on the opinions of other specialists that may be of interest in the treatment of the patient (multidisciplinary treatment).

When implementing the work protocols, there will be close contact between the animal and its owner. Therefore, during the Postgraduate Certificate we will work together during both the treatment of the animal and the recovery period. This system will help to make the owner feel included in the treatment guidelines and will satisfy their desire to help their pet themselves..

Finally, how to effectively run a physiotherapy and rehabilitation center for small animals will be addressed, something with which professionals must be very involved, establishing the work system and staying in direct and constant communication with the staff is essential.

This **Postgraduate Certificate in Design of a Rehabilitation Plans in Small Animals** 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 Rehabilitation Plans in Small Animals
- ♦ 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
- ♦ News on Rehabilitation Plans in Small Animals
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Special focus on innovative methodologies in Rehabilitation Plans in Small Animals
- ♦ 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



A training course that will give you the opportunity to update your knowledge related to the rehabilitation of animals"

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Small animal rehabilitation is a growing sector that requires veterinarians who are fully knowledgeable in the field and who can design customized work plans for their patients”

The program includes, in its teaching staff, professionals belonging to the field of veterinary medicine, who bring their vast work experience to the program, in addition to recognized specialists from reference 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 specialist must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system developed by recognized and experienced experts in Pathologies and Rehabilitation Plans in Small Animals.

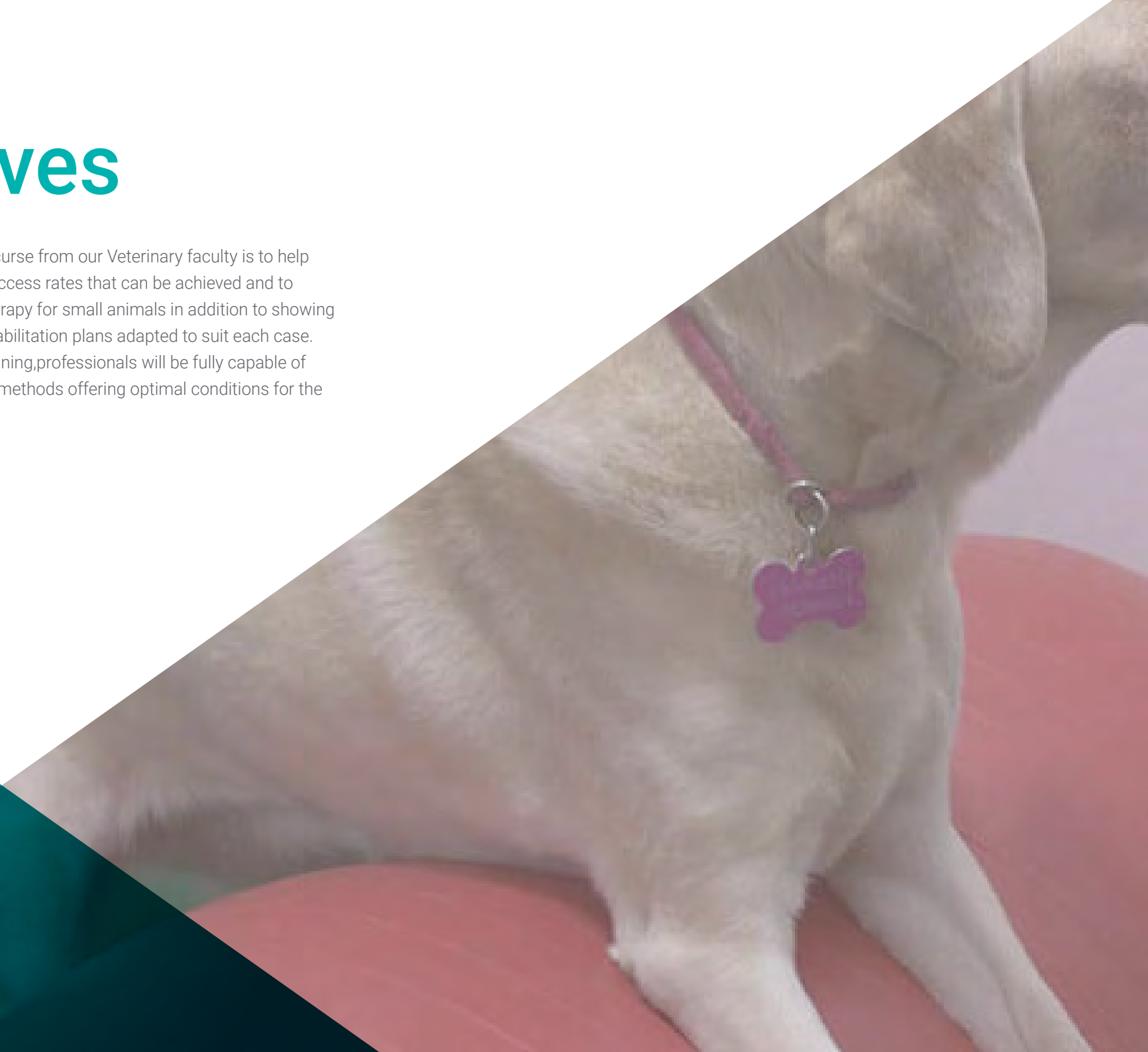
Learn how to design customized rehabilitation plans for veterinarians with this Postgraduate Certificate.

Take the plunge in order to make your way in this exciting field. There is no limit to what you could achieve.



02 Objectives

The main objective of this training course from our Veterinary faculty is to help professionals to be aware of the success rates that can be achieved and to outline the importance of physiotherapy for small animals in addition to showing them the correct way to design rehabilitation plans adapted to suit each case. In this way, after completing the training, professionals will be fully capable of designing and implementing these methods offering optimal conditions for the animal and ensuring its welfare.





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What are TECH's objective? To train the best professionals in the sector"



General objectives

- Generate specialized knowledge on relevant aspects for the indication and follow-up to rehabilitation
- Guarantee a correct rehabilitation process for all patients
- Create a multidisciplinary work plan
- Cover the physiotherapeutic needs demanded by the patient
- Develop an appropriate treatment plan for patients

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A pathway to achieving professional growth that will propel you towards a greater level of competitiveness in the job market”





Specific objectives

- ♦ Choose the appropriate intervention methods and techniques in each case
- ♦ Achieve control of the disease and its risk factors
- ♦ Prevent secondary diseases, complications and sequelae
- ♦ Adapt the residual capacity, modifying the environment to facilitate daily tasks
- ♦ Convey as much information about the patient's condition as possible to the patient's owner
- ♦ Maintain the follow-up of the pathological process and evolution of the patient
- ♦ Ensure a better sense of well-being
- ♦ Choose the appropriate intervention methods and techniques in each case
- ♦ Generate patient follow-up
- ♦ Facilitate the patient's daily life
- ♦ Extend the patient's quality of life
- ♦ Improve the patient's physical capabilities
- ♦ Alleviate the patient's pain
- ♦ Inform those responsible for the patients about their status

03

Course Management

The program includes in its teaching staff, experts from different areas related to animal physiotherapy rehabilitation. In this way, if you decide to enrol on this program, you will have the experience and prestige of professionals of various kinds who will help you to better understand physiotherapy and rehabilitation for small animals from a multidisciplinary approach, with full comprehension of the conditions for which these techniques have a higher success rate





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*Study with a prestigious teaching staff
and become a successful professional”*

Management



Ms. Ceres Vega-Leal, Carmen

- Veterinarian in the Physiotherapy and Rehabilitation Service at Clínica Veterinaria A Raposeira, Vigo (Pontevedra)
- Veterinarian in Tierklinik Scherzingen, Freiburg (Germany)
- Degree in Veterinary Medicine from the Faculty of Veterinary Medicine of León in 2008
- Master's Degree in Physiotherapy and Rehabilitation of Small Animals, Complutense University of Madrid
- Master's Degree in Veterinary Physiotherapy and Rehabilitation for Dogs and Cats, Complutense University of Madrid
- Postgraduate Diploma in Bases of Physiotherapy and Animal Rehabilitation, Complutense University of Madrid 2014

Professors

Ms. Picón Costa, Marta

- ♦ Outpatient Rehabilitation and Physiotherapy Service in Seville and Cadiz areas
- ♦ Veterinarian from the Faculty of Veterinary Medicine of Alfonso X the Wise
- ♦ Postgraduate Diploma in Physiotherapy and Animal Rehabilitation, Complutense University of Madrid

Ms. Pascual Veganzones, María

- ♦ Head veterinarian at the Narub Rehabilitation and Hydrotherapy Center
- ♦ Manager and Coordinator of the Rehabilitation and Physiotherapy service at home, Animal Nutrition in Vetterapia Animal
- ♦ In charge of the veterinary clinic at Don Pelanas Veterinary Centre. Animal Rehabilitation and Physiotherapy Service
- ♦ Graduate in Veterinary Medicine from the University of Leon
- ♦ Postgraduate course in Rehabilitation and Veterinary Physiotherapy in Small Animals, FORVET school

Ms. Laliena Aznar, Julia

- ♦ Head of the Rehabilitation Service, Veterinary Hospital Anicura Valencia Sur. Valencia
- ♦ I-VET academy teacher in Rehabilitation classes of the Veterinary Technical Assistant postgraduate course
- ♦ Degree in Veterinary from the University of Zaragoza
- ♦ Master's Degree in Small Animal Clinic I and II
- ♦ Postgraduate Certificate in Small Animal Veterinary Rehabilitation
- ♦ Postgraduate Certificate in Clinical Diagnosis in the Canine and Feline Patient

Ms. Hernández Jurado, Lidia

- ♦ Co-owner and head of the Animal Physical Rehabilitation Service of the Amodiño Veterinary Clinic in Lugo
- ♦ Graduate in Veterinary Medicine from the University of Santiago de Compostela
- ♦ Degree in Biology from the University of Santiago de Compostela
- ♦ Specialization Postgraduate Certificate in Small Animal Rehabilitation

Ms. Rodríguez-Moya Rodríguez, Paula

- ♦ Veterinarian at the Rehabcan Animal Rehabilitation and Physiotherapy Center. Traditional Chinese veterinary medicine service
- ♦ Graduate in Veterinary Medicine, Catholic University of Valencia
- ♦ Specialty in Traditional Chinese Medicine by Chi Institute. Certified acupuncturist. Certified Food Therapist
- ♦ Postgraduate Degree in Physiotherapy and Rehabilitation of Small Animals by Euroinnova Business School

04

Structure and Content

The structure of the contents has been designed by the best professionals in the field of animal physiotherapist rehabilitation, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with extensive knowledge of the latest technology applied to veterinary medicine. This will ensure that upon completion of the training, you will be fully qualified in this field from a multidisciplinary approach that favors the longevity and quality of life of the animal.





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Don't miss the opportunity to study with the support of the best teaching material on the market"

Module 1. Rehabilitation Plan: Design of a Rehabilitation Program and Communication with the Owner

- 1.1. Establishing a Rehabilitation Plan - Where Do I Start?
 - 1.1.1. What Cases Respond to Physical Therapy and Rehabilitation?
 - 1.1.2. Objectives and Working Methods
 - 1.1.3. Inconveniences and Circumstances to Consider
 - 1.1.4. What to Evaluate in Rehabilitation?
- 1.2. How Do I Rehabilitate?
 - 1.2.1. The Therapist-Patient Bond
 - 1.2.2. Adaptation to the Patient
 - 1.2.3. Patient Motivation
 - 1.2.4. Fundamental Aspects of a Rehabilitation Program
 - 1.2.4.1. Frequency (F)
 - 1.2.4.2. Intensity
 - 1.2.4.3. Duration
 - 1.2.4.4. Types of Exercise
- 1.3. Designing a Rehabilitation Plan
 - 1.3.1. Optimize and Make the Rehabilitation Center's Time and Space Cost-Effective
 - 1.3.2. Individualization of the Therapeutic Protocol
 - 1.3.3. Success of the Rehabilitation Plan
- 1.4. Management of a Veterinary Center
 - 1.4.1. Factors to Consider
 - 1.4.2. Service to the Veterinarian/Referral Center
 - 1.4.3. Are Social Networks Important?
- 1.5. Communication with the Owner and/or Person Responsible for the Animal
 - 1.5.1. Quality of Care
 - 1.5.2. Owner Integration in Therapy
 - 1.5.3. Communication with the Owner
- 1.6. Rehabilitation and Physiotherapy in Spinal Cord Injuries
 - 1.6.1. Introduction
 - 1.6.2. Most Frequent Neurology Pathologies
 - 1.6.3. Therapeutic Generalities





1.7. Rehabilitation and Physiotherapy of Patients with Osteoarthritis

- 1.7.1. Environment
- 1.7.2. Concomitant Diseases
- 1.7.3. Weight Control
- 1.7.4. Rehabilitation and Physical Therapy Plan

1.8. Fracture Rehabilitation

- 1.8.1. Diaphyseal Fractures
- 1.8.2. Joint Fractures
- 1.8.3. Fractures that Do Not Close

1.9. Pre- and Post-Surgical Rehabilitation

- 1.9.1. Elbow Dysplasia
- 1.9.2. Hip Dysplasia
- 1.9.3. Cruciate Ligament Rupture

1.10. Other Rehabilitation Plans

- 1.10.1. Diseases of Young Children Under 1 Year of Age
- 1.10.2. Preventive Rehabilitation
- 1.10.3. Considerations a Be Taken into Account in the Cardiopathy Patient

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You will get everything you need to become an expert in this area in this Postgraduate Certificate"

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.





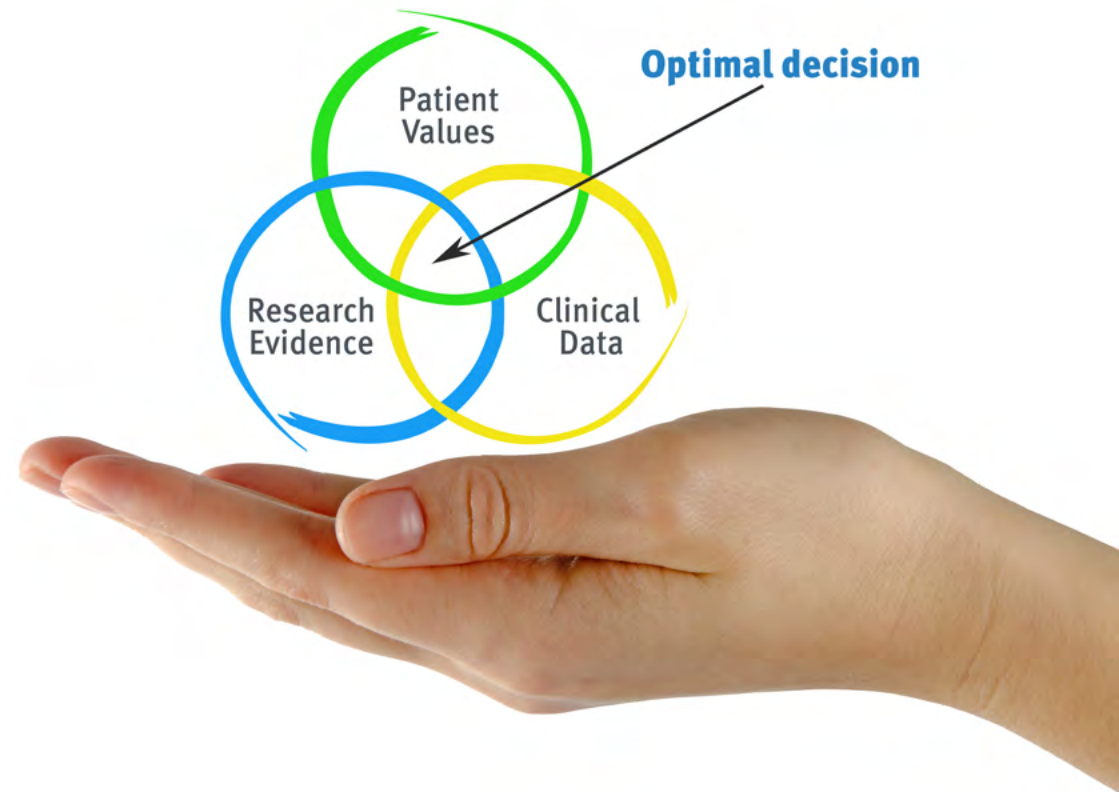
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, 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. 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 actual conditions in a veterinarian'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. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
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. The feeling that the effort invested is effective becomes a very important motivation for veterinarians, which translates into a greater interest in learning and an increase in the 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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.



Veterinarians will learn through real cases and by resolving 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 65,000 veterinarians have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. Our teaching method is developed in a highly demanding environment, where the students have a high socio-economic profile and an average age of 43.5 years.

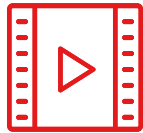
Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

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 highly 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.



Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current and procedures of veterinary 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 the videos as many times as you like.



Interactive Summaries

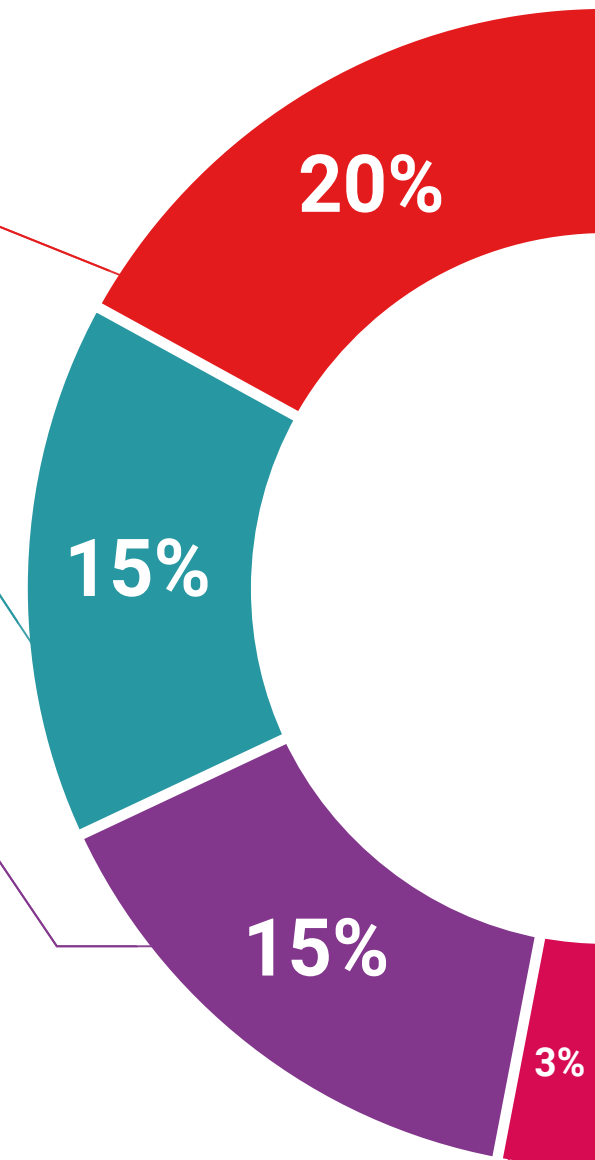
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

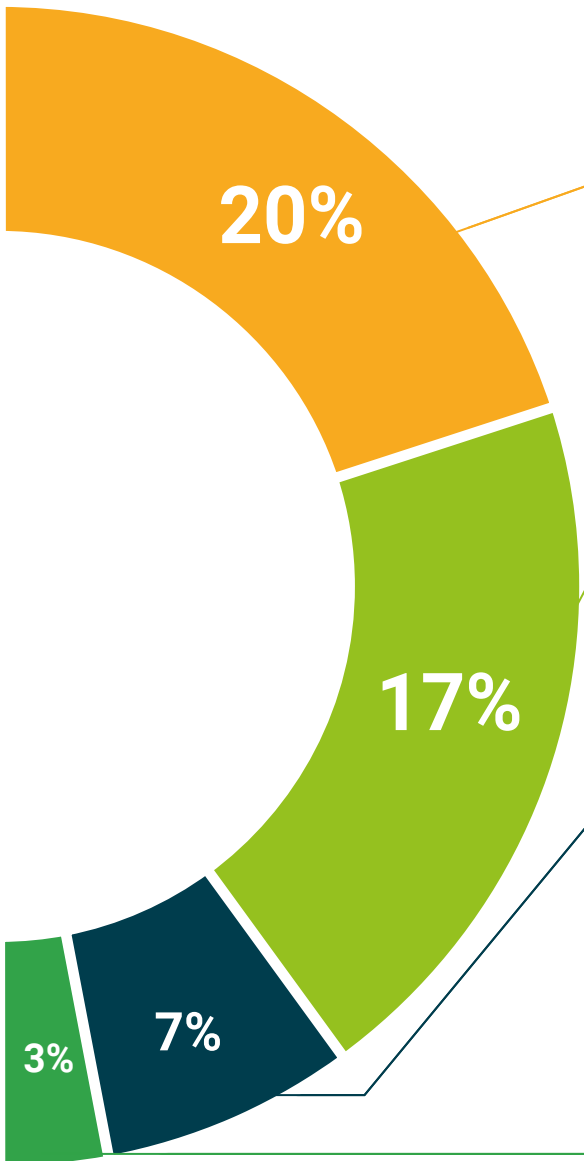
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Design of a Rehabilitation Plan for Small Animals guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Technological University.





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*Successfully complete this program
and receive your university degree
without travel or laborious paperwork”*

This **Postgraduate Certificate in Design of a Rehabilitation Plan in Small Animals** 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 diploma 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 Design of a Rehabilitation Plan for Small Animals**

Official N° of hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma 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 language
virtual classroom



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Postgraduate Certificate

Design of a Rehabilitation Plan for Small Animals

