

# Postgraduate Diploma

## Digestive, Genitourinary and Endocrine Pathologies in Small Animals





## Postgraduate Diploma Digestive, Genitourinary and Endocrine Pathologies in Small Animals

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-digestive-genitourinary-endocrine-pathologies-small-animals](http://www.techtute.com/us/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-digestive-genitourinary-endocrine-pathologies-small-animals)

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01

# Introduction

This high-level program in Digestive, Genitourinary and Endocrine Pathologies in Small Animals was created in response to the need of clinical veterinarians to deepen the specific knowledge of internal medicine, as well as the approach to protocols and diagnostic techniques, therapeutics and relationship with other specialties, so fundamental in the veterinary area of Small Animals.





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*In this program, you will approach the Digestive, Genitourinary and Endocrine Pathologies in Small Animals in a specific way, with a systematic methodology to delve into the pathophysiology of these processes, diagnostic protocols, therapeutics, as well as the monitoring and control of these patients”*

At present, one of the problems that conditions continuous postgraduate specialization is its reconciliation with work and personal life. Current professional demands make it difficult to provide quality, specialized, face-to-face education, so the online format will allow our students to reconcile this specialized training with their daily professional practice.

A quality internal medicine allows a symbiotic work, necessary and indispensable in many cases, with other specialties, since many pathologies are translated into digestive, genitourinary and endocrine manifestations, among many others.

The veterinary internist of companion animals must have a high knowledge of digestive, endocrine and genitourinary pathologies, since they are very frequent in consultation. Thanks to this program, the veterinarian will be more informed about the diseases in this field of action, will achieve a better orientation about the patient with abdominal pain, digestive losses, pathologies associated with urinary systems, as well as endocrinopathies and, above all, will understand how to guide the owner in preventing those diseases of predisposed breeds.

The teaching staff of this Postgraduate Diploma is made up of professionals specialized in the different areas of knowledge that internal medicine encompasses, with extensive experience in the clinical practice of this specialty. Additionally, these professors are accredited as specialists in different fields, working together in a veterinary specialty center. Some of them, in addition to performing quality clinical work, are participants in various research projects, so that, together with teaching and clinical work, they also carry out research activities.

The topics presented in this Postgraduate Diploma have been selected with the aim of offering a complete, up-to-date and quality specialization in internal medicine, in such a way that the student acquires the appropriate knowledge to deal safely with cases, as well as to be able to carry out an adequate follow-up, monitoring and therapy.

This **Postgraduate Diploma in Digestive, Genitourinary and Endocrine Pathologies in Small Animals** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Digestive, Genitourinary and Endocrine Pathologies in Small Animals
- ♦ The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional development
- ♦ Latest developments in Digestive, Genitourinary and Endocrine Pathologies in Small Animals
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies in Digestive, Genitourinary and Endocrine Pathologies in Small Animals
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work
- ♦ Content that is accessible from any fixed or portable device with an internet connection



*Digestive, Endocrine and Genitourinary Pathologies are a series of ailments that occur frequently in the small animal clinic and for which the veterinarian must be prepared. Something you will achieve in just 6 months with this high-level program"*

“ *The completion of this program will allow students to obtain essential knowledge for their professional activity, whether in the clinical or academic sector or in research*”

It includes, in its teaching staff, professionals belonging to the veterinary field, who bring to this training the experience of their work, 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 learning 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 throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system developed by recognized and experienced experts in Digestive, Genitourinary and Endocrine Pathologies in Small Animals and with great experience.

*Each chapter is accompanied by clinical cases that aim to apply the knowledge acquired and includes activities that will allow students to assess their knowledge.*

*This 100% online Postgraduate Diploma will allow you to balance your studies with your professional work while increasing your knowledge in this field.*



# 02 Objectives

The Postgraduate Diploma in Digestive, Genitourinary and Endocrine Pathologies in Small Animals is oriented to facilitate the performance of the professional dedicated to veterinary medicine with the latest advances and newest treatments in the sector.







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*The knowledge acquired in this program provides the student with a broad, practical and up-to-date specialization in a discipline that is fundamental in the practice of the veterinary profession"*



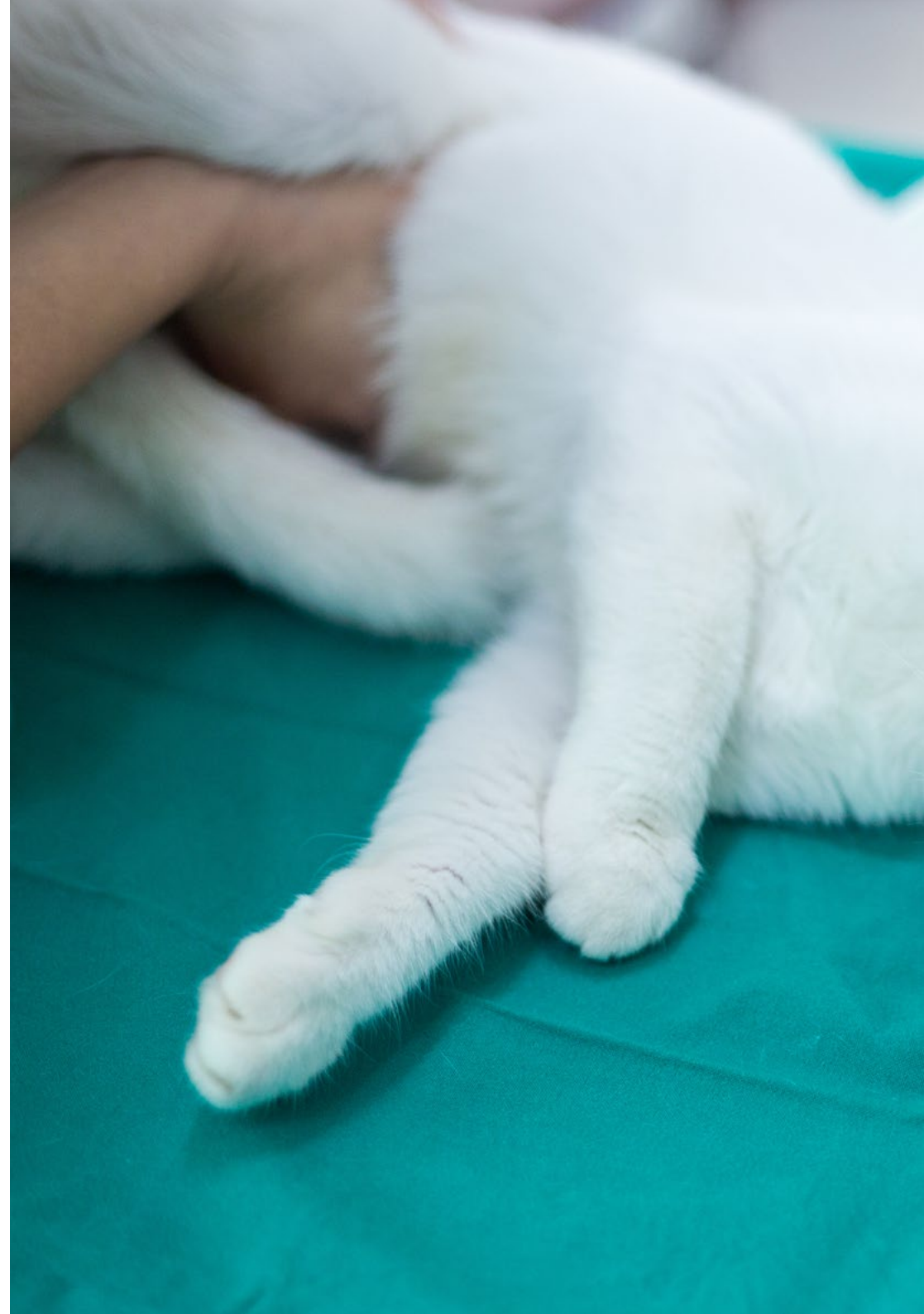
## General Objectives

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- ♦ Identify patients with non-specific abdominal pain and/or dehydration
- ♦ Compile all clinical signs related to diseases in the digestive tract
- ♦ Establish a list of differential diagnoses of animals with vomiting and diarrhea
- ♦ Generate specialized anatomical knowledge of the digestive system
- ♦ Be familiar with specific diagnostic laboratory and imaging tests used for the digestive tract
- ♦ Recognize pathologies associated with the urinary and reproductive systems
- ♦ Identify the most common clinical signs and the most likely organ(s) involved
- ♦ Learn to choose the right diagnostic approach
- ♦ Gain in-depth understanding of the pathophysiology of endocrinopathies
- ♦ Elaborate correct diagnostic protocol to address these problems
- ♦ Establish therapeutic bases for each group of pathologies according to the affected glandular function
- ♦ Develop an adequate control and follow-up plan



*Join one of the largest online universities in the world"*





## Specific Objectives

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### Module 1. Abnormalities in the Digestive System

- ◆ Establish anamnesis and general physical examination of patients with vomiting and diarrhea
- ◆ Identify common alterations in blood tests, X-rays and abdominal ultrasounds
- ◆ Generate therapeutic plan for patients with vomiting
- ◆ Propose a therapeutic plan for patients with diarrhea and for icteric patients
- ◆ Examine hereditary and predisposed breed-associated diseases
- ◆ Demonstrate knowledge in management of dehydrated patients and/or those in septic condition
- ◆ Address commonly used drugs
- ◆ Identify the secondary pathophysiological consequences of digestive diseases on the rest of the organism
- ◆ Provide dietary recommendations

### Module 2. Abnormalities in the Genitourinary System

- ◆ Select and interpret tests and results
- ◆ Draw up correct therapeutic guidelines
- ◆ Establish correct follow-up approach with chronic problems

### Module 3. Endocrine System Disorders

- ◆ Address the most common endocrinopathies
- ◆ Identify clinical signs of systemic pathologies
- ◆ Propose and perform different laboratory diagnostic techniques to diagnose these pathologies
- ◆ Elaborate a complete differential diagnosis to reach a definitive diagnosis of endocrinopathies
- ◆ Generate appropriate therapeutic, monitoring and follow-up plans according to pathology

# 03

# Course Management

The program includes in its teaching staff reference experts in Digestive, Genitourinary and Endocrine Pathologies in Small Animals who bring to this specialization the experience of their work. Professionals of recognized prestige have joined forces to offer you this high-level program.





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*Our teaching staff, experts in Digestive, Genitourinary and Endocrine Pathologies in Small Animals, will help you to achieve success in your profession"*

## Management



### Ms. Pérez-Aranda Redondo, María

- Head of the Dermatology Service of Symbiosis Veterinary Specialties Center. Veterinarian at Aljarafe Veterinary Center
- Head of the Dermatology and Diagnostic Cytology Service. From August 2017- October 2019
- Veterinary clinic of the veterinary center Canitas in East Sevilla. Responsible for the Dermatology and Cytological Diagnostic Service of all Canitas Veterinary Centers. April 2015- July 2017
- Stays at the Dermatology Department of the Hospital Clínic Veterinari of the Autonomous University of Barcelona.
- From 16 To 27 March 2015 Veterinarian at " Veterinary Center Villarrubia" November 2014 to April 2015
- Official internship at the small animal unit of the Clinical Veterinary Hospital of the University of Cordoba October 2013- October 2014
- Honorary collaborator of the Department of Animal Medicine and Surgery in Dermatology with Dr. D. Pedro Ginel Pérez. Student collaborator of the Department of Animal Medicine and Surgery in Dermatology with Professor Dr. D. Pedro Ginel Pérez during the 2010-2011, 2011-2012 and 2012-2013 academic years.
- Student intern at the Veterinary Clinic Hospital of the University of Cordoba during the 2011-2012 and 2012-2013 academic years.



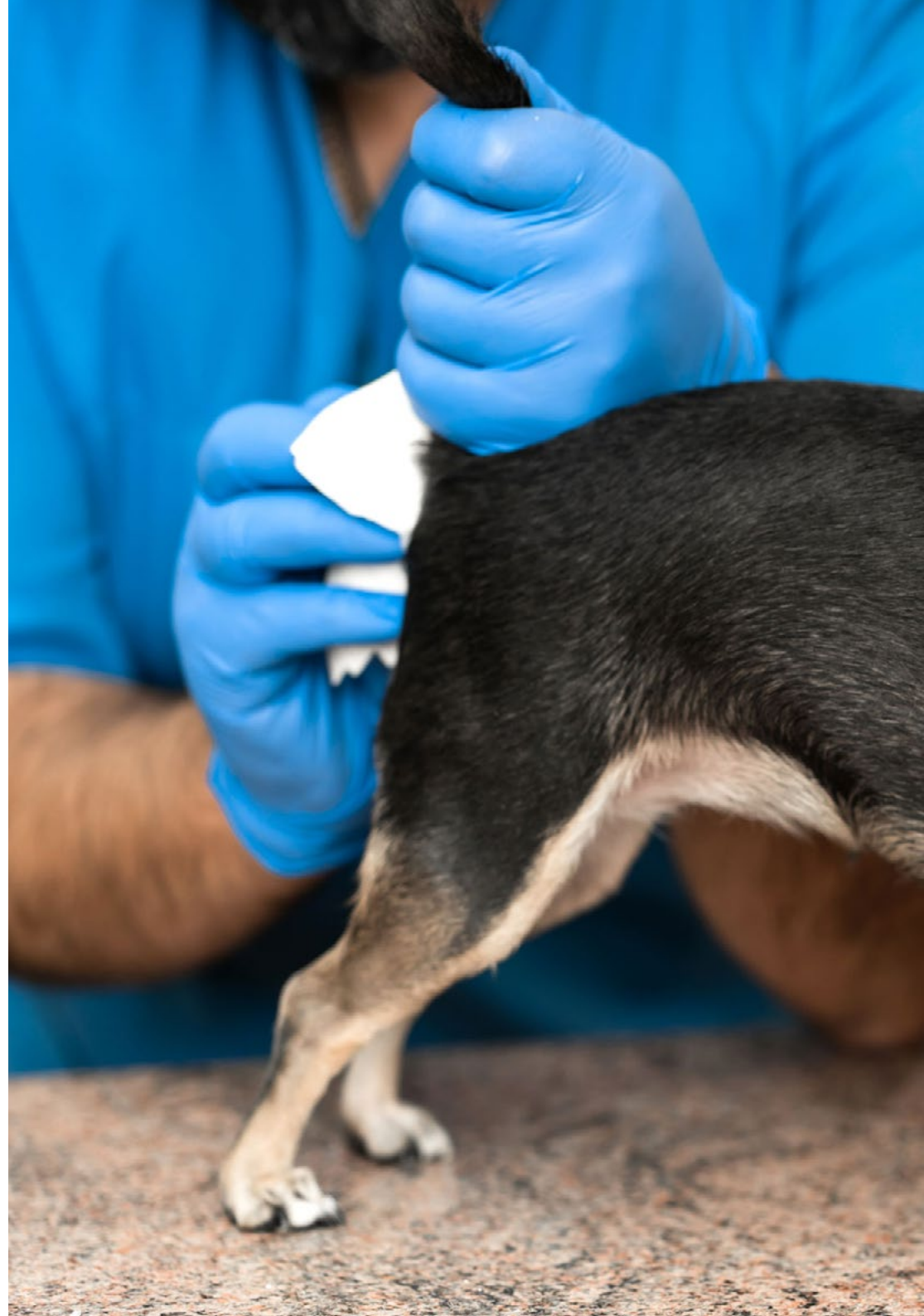
### **Mr. Usabiaga Alfaro, Javier**

- Degree in Veterinary Medicine from the University Alfonso X El Sabio (UAX), being a collaborating student at the University Veterinary Hospital UAX and rotating through all the services of the center (Internal Medicine, Surgery, Anesthesia, Diagnostic Imaging, Emergency and Hospitalization)
- Master's Degree in Small Animal Medicine and Emergency Medicine by AEVA in 2013
- Master's Degree of Small Animal Medicine and Master of Small Animal Clinical Ultrasound given by Improve International, learning from veterinarians of great impact and recognized prestige worldwide, members of the American College of Veterinary and/or the European College of Veterinary in 2016 and 2017
- Obtained in 2018 the title of General Practitioner Certificate in Small Animal Medicine (GPCert SAM) awarded by the International School of Veterinary Postgraduate Studies (ISVPS)
- Obtaining the GPCert in Ultrasound specialist certificate by the ISVPS in 2020
- Awarded the title of the XXXIII National and XXX International Endoscopy Course by the Jesús Usón Minimally Invasive Surgery Center of Cáceres
- Postgraduate course in Diagnostic Imaging given by Improve International. Postgraduate Diploma in Small Animal Surgery and Anesthesia and Anesthesia of Small Animals of the Autonomous University of Barcelona (UAB)
- Postgraduate course in Small Animal Surgery offered by the I-Vet Veterinary Institute

## Professors

### Dr. Morata Francisco, Sandra

- ♦ Veterinarian member of the ICU hospitalization service, emergency medicine and internal medicine at the Veterinary Hospital Madrid East
- ♦ Teaching presentation to the staff of the veterinary hospital Madrid East (veterinarian and veterinary technical assistant)
- ♦ Veterinary intern, member of the team of medical and surgical emergencies, anesthesiology, internal medicine, hospitalization-ICU and diagnostic imaging of the Veterinary Clinical Hospital of the University of Zaragoza
- ♦ Veterinarian member of the internal medicine and emergency service in CV Sada Zaragoza
- ♦ Degree in Veterinary Medicine from the University of Zaragoza
- ♦ Master's Degree in Small Animal Clinic I and II at the Faculty of Veterinary Medicine of the University of Zaragoza







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*Specialize in a growing sector with the best specialists in the field"*

# 04

## Structure and Content

The structure of the contents has been designed by the best professionals in the field of Digestive, Genitourinary and Endocrine Pathologies in Small Animals, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with extensive knowledge of new technologies applied to veterinary medicine.





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*We have the most complete and up-to-date academic program on the market. We strive for excellence and for you to achieve it too"*

## Module 1. Abnormalities in the Digestive System

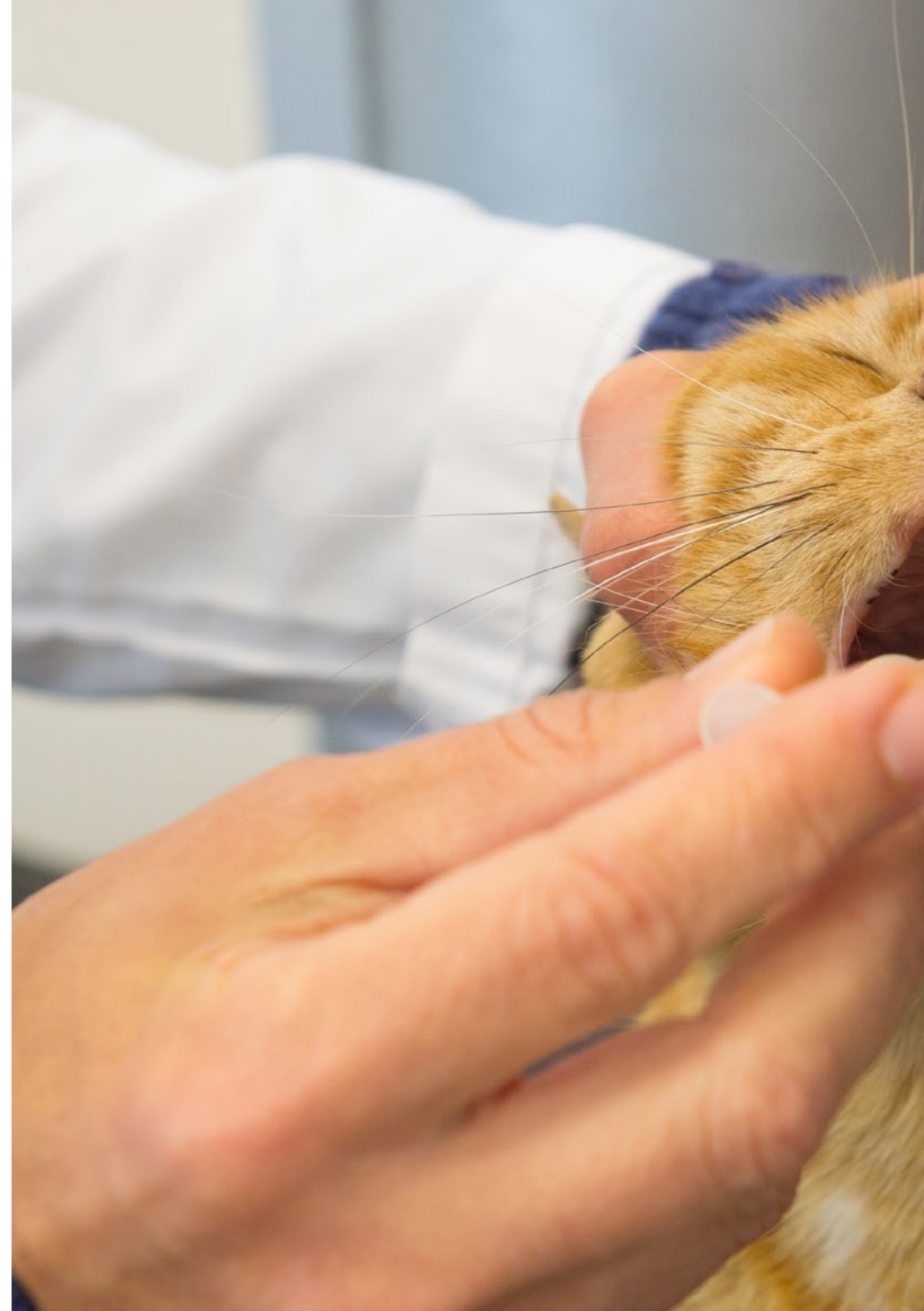
- 1.1. Approach to Patients with Vomiting
  - 1.1.1. Pathophysiology of Vomiting
  - 1.1.2. Etiology
  - 1.1.3. Clinical Symptoms
  - 1.1.4. Alterations in Blood Count and Serum Biochemistry
  - 1.1.5. Diagnostic Protocol
  - 1.1.6. Treatment for Vomiting
    - 1.1.6.1. Commercial Diets
    - 1.1.6.2. Antiemetics
    - 1.1.6.3. Gastric Acid Suppressants and Antacids
    - 1.1.6.4. Stomach Mucosal Protectors
- 1.2. Approach to Patients with Diarrhea
  - 1.2.1. Pathophysiology of Diarrhea
  - 1.2.2. Classification and Etiology
  - 1.2.3. Clinical Symptoms
  - 1.2.4. Differential Diagnosis
    - 1.2.4.1. Acute Diarrhea
    - 1.2.4.2. Chronic Diarrhea
- 1.3. Common Pathologies of the Oral Cavity and Esophagus
  - 1.3.1. Dysphagia
  - 1.3.2. Cricopharyngeal Dysfunction
    - 1.3.2.1. Cricopharyngeal Achalasia
    - 1.3.2.2. Cricopharyngeal Asynchrony
  - 1.3.3. Regurgitation
  - 1.3.4. Esophageal Pathologies
    - 1.3.4.1. Megaesophagus
    - 1.3.4.2. Esophagitis
    - 1.3.4.3. Oesophageal Stricture
    - 1.3.4.4. Vascular Anomaly
    - 1.3.4.5. Hiatal Hernia
- 1.4. Gastric Disorders
  - 1.4.1. Acute Gastritis
  - 1.4.2. Chronic Gastritis
  - 1.4.3. Gastric Ulcers
  - 1.4.4. Foreign Body Obstruction
  - 1.4.5. Neoplasty
- 1.5. Small Intestine Diseases
  - 1.5.1. Acute Enteritis
  - 1.5.2. Chronic Intestinal Disease
  - 1.5.3. Protein-Losing Enteropathy
  - 1.5.4. Intestinal Bacterial Overgrowth
  - 1.5.5. Neoplasms
- 1.6. Large Intestinal Diseases
  - 1.6.1. Chronic Diarrhea
  - 1.6.2. Infection by *Tritrichomonas Foetus*
  - 1.6.3. Constipation in Cats
  - 1.6.4. Ulcerative Histocytic Colitis
  - 1.6.5. Neoplasms
- 1.7. Principles of Ultrasound and Gastrointestinal Endoscopy
  - 1.7.1. Two-Dimensional Description of Normal Digestive Structures
  - 1.7.2. Gastroduodenoscopy
    - 1.7.2.1. Patient Preparation
    - 1.7.2.2. Preparation of Material
    - 1.7.2.3. Procedure
  - 1.7.3. Colonoscopy
    - 1.7.3.1. Patient Preparation
    - 1.7.3.2. Procedure
- 1.8. Hepatobiliary Diseases I. Hepatopathies in Dogs
  - 1.8.1. Differences in Cats and Dogs
  - 1.8.2. Diagnosis
  - 1.8.3. Supportive therapy
  - 1.8.4. Hepatopathies in Dogs
    - 1.8.4.1. Chronic Hepatitis
    - 1.8.4.2. Leptospirosis.

- 1.8.4.3. Drug-Associated Hepatopathy or Liver Disease
  - 1.8.4.4. Portal Vein Hypoplasia
  - 1.8.4.5. Portosystemic Shunt
    - 1.8.4.5.1. Congenital SPS
    - 1.8.4.5.2. Acquired SPS
  - 1.9. Hepatobiliary Diseases II. Hepatopathies in Cats
    - 1.9.1. Hepatic Lipidosis
    - 1.9.2. Acute Hepatitis
    - 1.9.3. Chronic Hepatitis
    - 1.9.4. Feline Infectious Peritonitis
    - 1.9.5. Hepatic Amyloidosis
    - 1.9.6. Drug-Associated Hepatopathy or Liver Disease
    - 1.9.7. Hepatic Neoplasia
    - 1.9.8. Biliary Diseases
      - 1.9.8.1. Biliary Mucocele
      - 1.9.8.2. Neutrophilic Cholangitis
      - 1.9.8.3. Lymphocytic Cholangitis
      - 1.9.8.4. Chronic Cholangitis Associated with Trematodes
    - 1.9.9. Neoplasms of the Gallbladder and Bile Ducts
  - 1.10. Diseases of the Exocrine Pancreas
    - 1.10.1. Pathophysiology
    - 1.10.2. Diagnosis
    - 1.10.3. Acute Pancreatitis
    - 1.10.4. Necrotizing Pancreatitis
    - 1.10.5. Exocrine Pancreatic Insufficiency
    - 1.10.6. Neoplasms
- Module 2. Abnormalities in the Genitourinary System**
- 2.1. Urinary Physiology and Clinical Manifestations
    - 2.1.1. Physiology of the Kidney
    - 2.1.2. Polyuria
    - 2.1.3. Stranguria and Dysuria
    - 2.1.4. Urinary Incontinence and Urinary Retention
    - 2.1.5. Systemic Hypertension
  - 2.2. Functional Urinary Disorders
    - 2.2.1. Urinalysis
    - 2.2.2. Creatinine and Urea
    - 2.2.3. SDMA
    - 2.2.4. UPC
    - 2.2.5. Urinary Sediments
  - 2.3. Disorders of Upper Tract
    - 2.3.1. Glomerulonephritis
    - 2.3.2. Tubular Disorders
    - 2.3.3. Congenital Kidney Diseases
    - 2.3.4. Ureteral Disorders
  - 2.4. Disorders of Lower Tract
    - 2.4.1. Cystitis
    - 2.4.2. Urolithiasis
    - 2.4.3. Prostate and Urethral Disorders
  - 2.5. Chronic Kidney Disease
    - 2.5.1. Diagnostic Approximation
    - 2.5.2. Treatment
    - 2.5.3. Monitoring and Follow-Up
  - 2.6. Acute Kidney Failure
    - 2.6.1. Diagnostic Approximation
    - 2.6.2. Oliguric, Anuric or Polyureic? How to Differentiate Between the 3
    - 2.6.3. Treatment, Monitoring and Follow-Up
  - 2.7. Physiology and Clinical Manifestations of Reproductive System
    - 2.7.1. Physiology of Genital Apparatus
    - 2.7.2. Clinical Signs Associated with Reproductive System
  - 2.8. Male Genital Apparatus
    - 2.8.1. Genital Examination
    - 2.8.2. Differential of Male Reproductive Diseases
    - 2.8.3. Therapeutic Options and Guidelines
  - 2.9. Females Genital Apparatus
    - 2.9.1. Genital Examination
    - 2.9.2. Differential of Female Reproductive Diseases
    - 2.9.3. Follow-Up of Gestation
    - 2.9.4. Therapeutic Options and Guidelines

- 2.10. Genitourinary Emergencies
  - 2.10.1. Urinary Obstruction.
  - 2.10.2. Uroabdomen
  - 2.10.3. Pyometra
  - 2.10.4. Prolapse and Paraphimosis

### Module 3. Endocrine System Disorders

- 3.1. Approach to the Endocrine Patient
  - 3.1.1. Obesity
  - 3.1.2. Polyuria/Polydipsia
  - 3.1.3. Alopecia
  - 3.1.4. Weaknesses
  - 3.1.5. Hyperlipemia
- 3.2. Pituitary Disorders
  - 3.2.1. Pituitary Dwarfism
  - 3.2.2. Acromegaly
  - 3.2.3. Diabetes Insipidus
- 3.3. Thyroid Disorders
  - 3.3.1. Canine Hypothyroidism
  - 3.3.2. Feline Hypothyroidism
  - 3.3.3. Canine Hyperthyroidism
  - 3.3.4. Feline Hyperthyroidism
- 3.4. Parathyroid Disorders
  - 3.4.1. Canine Hypoparathyroidism and Hypocalcemia
  - 3.4.2. Feline Hypoparathyroidism and Hypocalcemia
  - 3.4.3. Canine Hyperparathyroidism and Hypercalcemia
  - 3.4.4. Feline Hyperparathyroidism and Hypercalcemia
- 3.5. Pancreatic Disorders
  - 3.5.1. Canine Diabetes Mellitus
  - 3.5.2. Feline Diabetes Mellitus
  - 3.5.3. Insulinoma
  - 3.5.4. Glucagonoma





- 3.6. Adrenal Gland Disorders
  - 3.6.1. Hyperadrenocorticism
  - 3.6.2. Hypoadrenocorticism
  - 3.6.3. Hyperaldosteronism
  - 3.6.4. Pheochromocytoma
- 3.7. Sex Hormone Disorders
  - 3.7.1. Hyperestrogenism in Females
  - 3.7.2. Hyperestrogenism in Males
  - 3.7.3. Other Sex Hormone Disorders
- 3.8. Diagnostic Approach to Endocrinopathies
  - 3.8.1. Laboratory Tests
  - 3.8.2. Diagnostic Imaging Techniques
  - 3.8.3. Other Tests
- 3.9. Monitoring and Follow-Up of Endocrinopathies
  - 3.9.1. Diabetic Patient Monitoring
  - 3.9.2. Hypothyroid Patient Monitoring
  - 3.9.3. Hyperthyroid Patient Monitoring
  - 3.9.4. Monitoring of Patients with Hyperadrenocorticism
  - 3.9.5. Monitoring of Patients with Hypoadrenocorticism
  - 3.9.6. Caring for Patients with Parathyroid Alterations
- 3.10. Emergencies
  - 3.10.1. Diabetic ketoacidosis
  - 3.10.2. Addisonian Crisis
  - 3.10.3. Thyroid Storm



*This program will allow you to advance in your career in a comfortable way, balancing your personal and professional life"*

# 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.







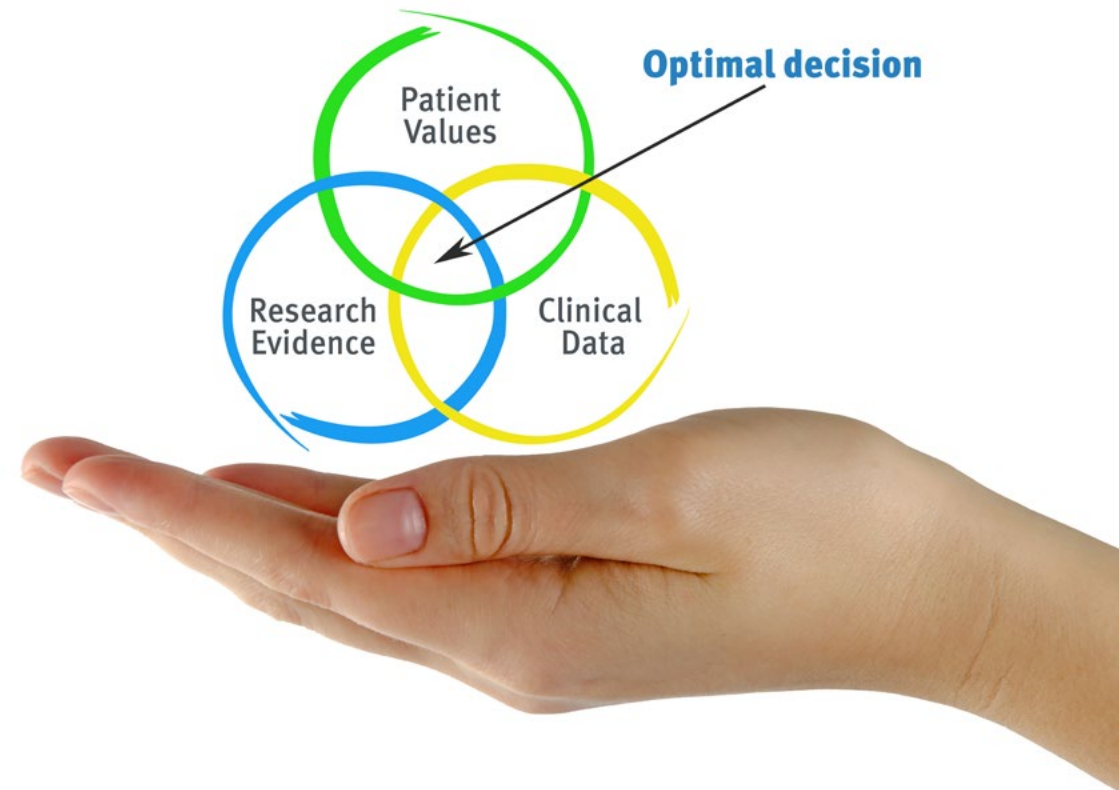
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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.*

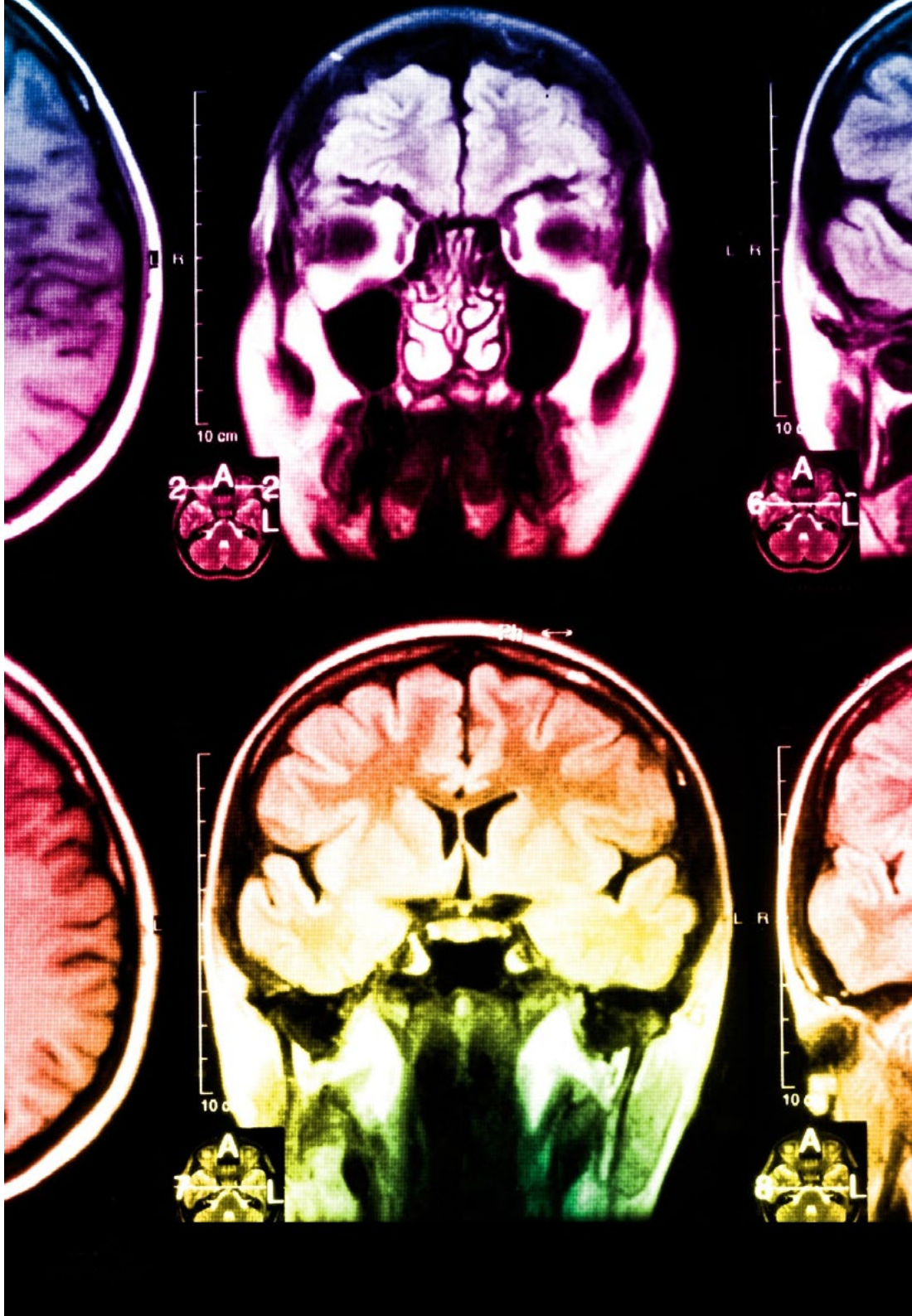
At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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

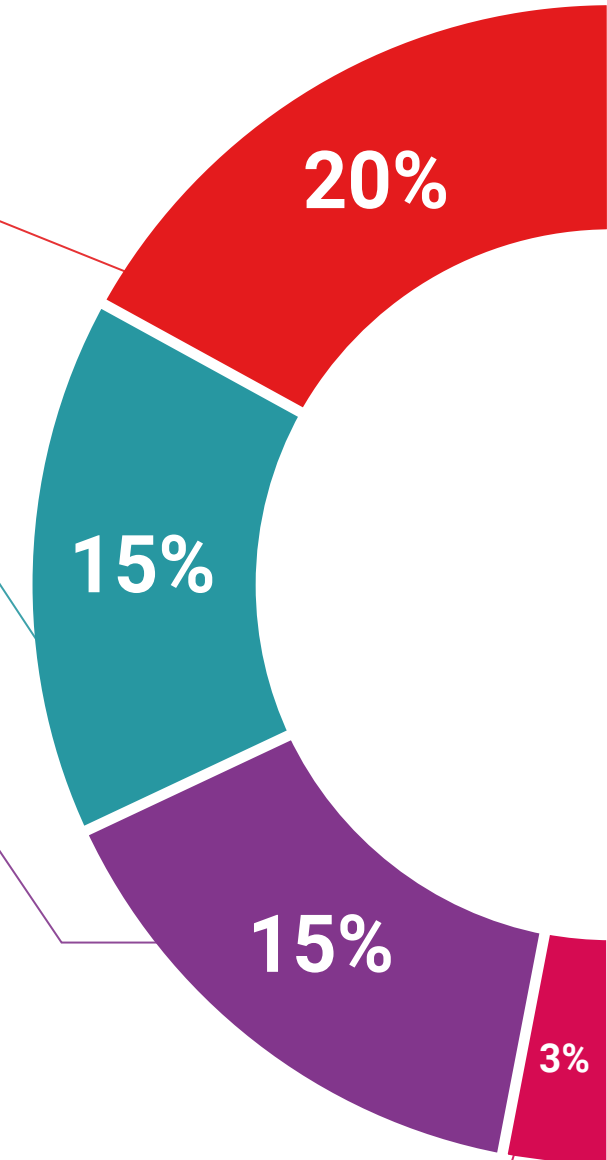
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

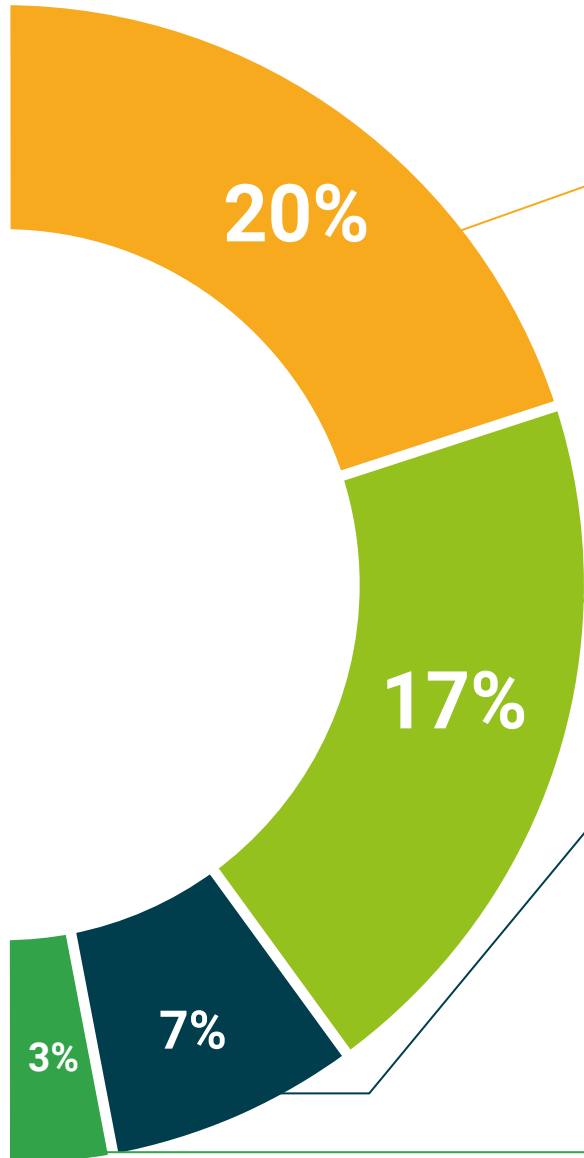
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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 Diploma in Digestive, Genitourinary and Endocrine Pathologies in Small Animals guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Digestive, Genitourinary and Endocrine Pathologies 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 Diploma issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Digestive, Genitourinary and Endocrine Pathologies in Small Animals**

Official N° of Hours: **450 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  
development languages  
virtual classroom



**Postgraduate Diploma**  
Digestive, Genitourinary  
and Endocrine Pathologies  
in Small Animals

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

# Postgraduate Diploma

## Digestive, Genitourinary and Endocrine Pathologies in Small Animals

