

# Postgraduate Certificate

## Digestive Tumors in Small Animals. Mesothelioma





## Postgraduate Certificate Digestive Tumors in Small Animals. Mesothelioma

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

Website: [www.techtute.com/us/veterinary-medicine/postgraduate-certificate/digestive-tumors-small-animals-mesothelioma](http://www.techtute.com/us/veterinary-medicine/postgraduate-certificate/digestive-tumors-small-animals-mesothelioma)

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# 01

# Introduction

This intensive program will deal with the main digestive tumors that can appear in dogs and cats. The different techniques that exist in the surgical approach to this type of tumors will be described. The program will conclude by presenting the diagnostic and therapeutic protocol for mesothelioma. All this will be taught by professionals in the field with years of experience on the subject.

A unique opportunity to specialise in a high-demand professional field.





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*Become one of the most demanded professionals today: Specialize in Digestive Tumors in Small Animals with this comprehensive Postgraduate Certificate”*

Digestive tumors, especially those affecting the oral cavity, are relatively common in both dogs and cats. This program will assess the different diagnostic and therapeutic protocols that exist for oral cavity, esophagus, stomach, small and large intestine, anal sac and liver tumors.

This high-level program presents the perspective of oncologic surgeons in the approach to digestive tumors; the main techniques that can be performed in the surgical treatment of oral cavity, esophagus, stomach, small and large intestine, anal sacs and liver tumors affecting dogs and cats will be defined, so clinical oncologists have a comprehensive view of the approach to this type of tumors.

Mesothelioma is a rare neoplasm in dogs and cats that affects the cells lining the coelomic cavities of the body. Diagnosis is often difficult. On this program, diagnostic and therapeutic protocols will be generated, taking into account the main limitations in the diagnosis of this type of tumor.

As it is an online Postgraduate Certificate course, students are not restricted by set timetables, nor do they need to physically move to another location. All of the content can be accessed at any time of the day, so you can balance your working or personal life with your academic life.

This **Postgraduate Certificate in Digestive Tumors in Small Animals. Mesothelioma** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ The latest technology in online teaching software
- ◆ A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- ◆ Practical cases presented by practising experts
- ◆ State-of-the-art interactive video systems
- ◆ Teaching supported by telepractice
- ◆ Continuous updating and recycling systems
- ◆ Autonomous learning: full compatibility with other occupations
- ◆ Practical exercises for self-evaluation and learning verification
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums
- ◆ Communication with the teacher and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection
- ◆ Supplementary documentation databases are permanently available, even after the course



*Take the opportunity to learn about the latest advances in this area in order to apply it to your daily practice”*





*Get a complete and adequate qualification in Digestive Tumors in Small Animals. Mesothelioma with this highly effective educational Postgraduate Certificate and open new paths to your professional progress”*

Our teaching staff is made up of professionals from different fields related to this specialty. That way, TECH ensures to offer the updating objective it intends to provide. A multidisciplinary team of professionals trained and experienced in different environments, who will cover the theoretical knowledge in an efficient way, but, above all, will bring the practical knowledge from their own experience to the course: one of the differential qualities of this course.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this Postgraduate Certificate in Digestive System Tumors in Small Animals. Mesothelioma Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. That way, students will study with a range of easy-to-use and versatile multimedia tools that will give them the necessary skills needed during training

The design of this program is based on Problem-Based Learning: an approach that views learning as a highly practical process. To achieve this remotely, TECH will use telepractice: with the help of an innovative interactive video system and Learning from an Expert, the student will be able to acquire the knowledge as if they were facing the scenario they are learning at that moment. A concept that will allow students to integrate and memorize what they have learnt in a more realistic and permanent way.

*You will be supported by the experience of expert professionals who will contribute their experience in this area to the program, making this program a unique opportunity for professional growth.*

*Set yourself a real qualification objective and learn in an efficient way with this program, as its quality and price are unique in online teaching market.*



# 02

# Objectives

The objective is to train highly qualified professionals for work experience. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. This objective is focused on helping medical professionals reach a much higher level of expertise and control. A goal that, in just a few months, you will be able to achieve with a highly intensive and precise course.







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*If your objective is to broaden your skills set to include new paths of success and development: this is the course for you: a training that aspires to excellence"*



## General Objectives

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- Analyze the diagnostic and therapeutic approach to the main digestive tumors in dogs and cats
- Define the risk and prognostic factors in digestive tumors in dogs and cats
- Examine the different techniques available for the surgical approach of the main neoplasms in dogs and cats
- Generate diagnostic and therapeutic algorithms for mesothelioma

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*A path to achieve training and professional growth that will propel you towards a greater level of competitiveness in the employment market”*





## Specific Objectives

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- ◆ Define tumors in dogs and cats affecting the oral cavity, esophagus, stomach, small and large intestine, anal sacs and liver
- ◆ Establish diagnostic and therapeutic protocols for the main tumors affecting the oral cavity, esophagus, stomach, small and large intestine and anal sacs
- ◆ Analyze the main risk factors influencing the prognosis of patients with tumors of the oral cavity, esophagus, stomach, small and large intestine, anal sacs
- ◆ Identify the anatomy and type of scarring of the digestive tract that is clinically relevant for the surgical approach to oncological diseases of the digestive tract
- ◆ Define the main surgical techniques of the digestive tract that can be used in the treatment of digestive tumors in dogs and cats
- ◆ Perform the diagnostic and therapeutic approach and evaluate the risk and prognostic factors in liver tumors in dogs and cats
- ◆ Generate diagnostic and therapeutic protocols for mesothelioma



03

# Course Management

For our course to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.



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*A unique opportunity to learn from internationally renowned professors, with teaching, clinical and research experience”*



## Management



### Dr. Ortiz Díez, Gustavo

- ♦ Head of Small Animal Department, Complutense Clinical Veterinary Hospital
- ♦ Associate Professor, Department of Animal Medicine and Surgery, Faculty of Veterinary Medicine, Complutense University of Madrid
- ♦ PhD and Undergraduate Degree in Veterinary Medicine from the UCM
- ♦ Graduate in Psychology, UNED (2020)
- ♦ AVEPA Accredited Soft Tissue Surgery
- ♦ Member of the scientific committee and current president of GECIRA (AVEPA's Soft Tissue Surgery Specialty Group).
- ♦ Master's Degree in Research Methodology in Health Sciences from the UAB
- ♦ Specialist in Traumatology and Orthopedic Surgery in Companion Animals by the UCM. Degree in Small Animal Cardiology from the UCM
- ♦ Courses of laparoscopic and thoracoscopic surgery at the Minimally Invasive Center Jesús Usón. Accredited in functions B, C, D and E of Experimentation Animals, Community of Madrid
- ♦ Degree in Emotional Intelligence, UR Completed training in Gestalt psychology
- ♦ ICT Competencies Course for Teachers, UNED



# 04

# Structure and Content

The program contents have been developed by the different experts on the course, with a clear purpose: to ensure our students acquire each and every one of the necessary skills to become true experts in this field.

A complete and well-structured program will take you to the highest standards of quality and success.







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*A complete educational program that will take you through the exhaustive training necessary to intervene as a specialist in the theoretical and practical aspects of Digestive Tumors in Small Animals. Mesothelioma”*

## Module 1. Digestive Tract Tumors. Mesothelioma

- 1.1. Digestive Tract Tumors (I): Oral Cavity I
  - 1.1.1. Symptoms
  - 1.1.2. Diagnosis
  - 1.1.3. Treatment
- 1.2. Digestive Tract Tumors (II): Oral Cavity II
  - 1.2.1. Symptoms
  - 1.2.2. Diagnosis
  - 1.2.3. Treatment
- 1.3. Digestive Tract Tumors (III): Esophagus, Stomach, Exocrine Pancreas
  - 1.3.1. Symptoms
  - 1.3.2. Diagnosis
  - 1.3.3. Treatment
- 1.4. Digestive Tract Tumors (IV): Intestine
  - 1.4.1. Symptoms
  - 1.4.2. Diagnosis
  - 1.4.3. Treatment
- 1.5. Digestive Tract Tumors (V): Nasal Sac Tumors
  - 1.5.1. Symptoms
  - 1.5.2. Diagnosis
  - 1.5.3. Treatment
- 1.6. Digestive Tract Tumors (VI): Liver Tumors.
  - 1.6.1. Prevalence and Etiology
  - 1.6.2. Diagnosis
  - 1.6.3. Treatment





- 1.7. Digestive Surgery (I)
  - 1.7.1. Anatomy
  - 1.7.2. Principles of Digestive Surgery
- 1.8. Digestive Surgery (II)
  - 1.8.1. Gastric Surgery
  - 1.8.2. Intestinal Surgery
- 1.9. Digestive Surgery (III)
  - 1.9.1. Liver Surgery
- 1.10. Mesothelioma
  - 1.10.1. Diagnosis
  - 1.10.2. Treatment

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*A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with 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 Cardiorespiratory, Oncological and Neurological 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 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 program will allow you to obtain your **Postgraduate Certificate in Cardiorespiratory, Oncological and Neurological Pathologies in Small Animals** 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** title 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 Cardiorespiratory, Oncological and Neurological Pathologies in Small Animals**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 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 quality

development language

virtual classroom

**tech** global  
university

## Postgraduate Certificate

Digestive Tumors  
in Small Animals.  
Mesothelioma

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

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