Postgraduate Certificate

Veterinary Oral Cavity Neoplasms in Small Animals

tech global university

tech global university

Postgraduate Certificate
Veterinary Oral Cavity Neoplasms in Small Animals

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

Website: **www.techtitute.com/us/veterinary-medicine/postgraduate-certificate/veterinary-oral-cavity-neoplams-small-animals**

Index

01 Introduction p. 4

02 Objectives p. 8

03 Course Management p. 12

04 Structure and Content p. 16

05 Methodology p. 20

06 Certificate p. 28

01

Introduction

Veterinary oncology is a specialty which has become essential in recent years. This is due to the increased incidence in cancer in small animals. Today, veterinary clinicians must have specialized knowledge to determine the diagnosis and management of cancer in veterinary medicine.

This course offers specialist knowledge in the field of oral oncology in veterinary medicine of small animals, with the aim of determining the best treatment options for the animals.

Become a professional in one of the most in-demand fields of the moment: train in Veterinary Oral Cavity Neoplasms in Small Animals with this comprehensive Postgraduate Certificate"

Within veterinary oncology, oral cancer is a common occurrence, although very often it can be hard to identify it and differentiate it from other oral pathologies. Due to its poor prognosis and aggressive nature when it is a malignant neoplasm, it is essential to identify it correctly, differentiate it from other oral conditions that may appear to be oral cancer and treat it in time, since, on certain occasions, early diagnosis can make the difference between life and death.

The Postgraduate Certificate in Veterinary Oral Cavity Neoplasms in Small Animals is a response to the needs and demands of veterinary clinicians who, based on the high number of cases they encounter, seek to offer the best service to their patients.

The teaching team that makes up the Postgraduate Certificate in Veterinary Oral Cavity Neoplasms in Small Animals is composed of veterinary professionals who are specialists in the different subjects taught in the course. They have extensive experience both at a teaching and practical level, familiar with university training, teaching courses, degrees and different postgraduate courses related to the veterinary profession, and specifically Oral Cavity Neoplasms in Small Animals. These lecturers are active professionals, both at university and clinical level, working in leading veterinary centres and participating in various research projects.

The modules developed in this Postgraduate Certificate have been selected with the aim of offering the veterinary clinician the possibility of going a step further in their future as a specialist in Dentistry and to develop specialised theoretical and practical knowledge to confidently face any oral and maxillofacial procedure that they may encounter in their daily practice.

The advanced knowledge developed in this Postgraduate Certificate is supported by the clinical experience of the authors, as well as scientific articles and publications directly related to the current veterinary dentistry sector.

Nowadays, the possibility of coordinating the veterinary clinician's working life with a Postgraduate Certificate is highly valued and valuable, and this course meets this requirement, in terms of teaching quality. The online format allows students to balance their work and academic life, and meets the demands and requirements of the veterinary professional.

This **Postgraduate Certificate in Oral Cavity Neoplasms in Small Animals** offers you the advantages of a high-level scientific, teaching, and technological course. These are some of its most notable features:

- The latest technology in online teaching software
- 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
- 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

A Postgraduate Certificate that will enable you to work in all fields of Veterinary Dentistry with the competence of a high-level professional"

You will have the experience of expert professionals who will contribute their experience in this area to the programme, making this training a unique opportunity for professional growth"

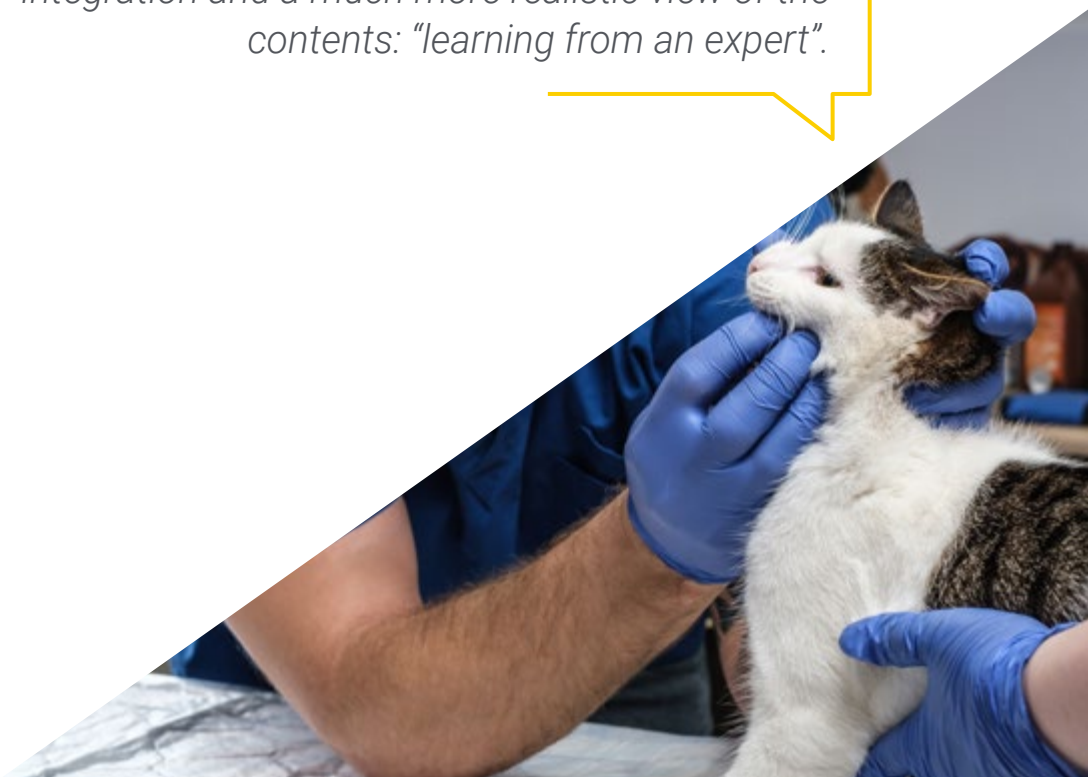
Our teaching staff is made up of professionals from different fields related to this specialty. In this way, we ensure that we provide you with the training update we are aiming for. A multidisciplinary team of professionals trained and experienced in different environments, who will cover the theoretical knowledge in an efficient way, but, above all, will put the practical knowledge derived from their own experience at the service of 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 course on Veterinary Oral Cavity Neoplasms in Small Animals. Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. This way, you will be able to study with a range of comfortable and versatile multimedia tools that will give you the operability you need in your training.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: with the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

With a methodological design based on proven teaching techniques, this Postgraduate Certificate in Veterinary Oral Cavity Neoplasms in Small Animals will take you through different teaching approaches to allow you to learn in a dynamic and effective way.

Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, which will provide you with a faster integration and a much more realistic view of the contents: "learning from an expert".



02

Objectives

Our 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 six months, you will be able to achieve with a highly intensive and precise course.

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

- Develop specialised-advanced knowledge in cancer biology and diagnostic procedure in veterinary oncology
- Specialize in veterinary chemotherapy and radiotherapy
- Examine the types of oral tumours

A path to help you achieve specialized knowledge and professional growth that will put you in a more competitive position in the job market"

Specific objectives

- Determine the management of canine oral melanoma
- Specialize in the management of canine oral squamous cell carcinoma and in the management of canine oral fibrosarcoma
- Address in depth the management of feline oral squamous cell carcinoma
- Examine other less common oral tumours in dogs and cats
- Develop expertise to establish a correct diagnosis, treatment and prognosis specific to each type of oral neoplasm in dogs and cats

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.

Our teaching team, experts in Veterinary Oral Cavity Neoplasms in Small Animals, will help you to achieve success in your profession"

Management

Dr. Saura Alfonseda, José María

- Degree in Veterinary Medicine from the University of Murcia
- Member of the SEOVE and speaker at several SEOVE Congresses
- Master's Degree in Dentistry and Maxillofacial Surgery V from the UCM in 2008
- Lecturer at the Faculty of Veterinary Medicine of the UAX in subjects such as Animal Physiopathology, Clinical Propaedeutics and Animal Anatomy
- Senior Veterinarian at the Internal Medicine Service of the Veterinary Hospital Universidad Alfonso X El Sabio (HCV UAX) since 2006
- Head of the Veterinary Dentistry and Maxillofacial Surgery Service of the HCV UAX since 2009
- Outpatient Veterinary Dentistry and Maxillofacial Surgery Service (sauraodontovet) since 2013

Professors

Dr. Del Castillo Magán, Noemí

- PhD in Veterinary Medicine from the Complutense University of Madrid (2001)
- Degree in Veterinary Medicine from the Complutense University of Madrid (1997)
- Research proficiency from the Complutense University of Madrid
- Accredited in Oncology by Gevonc Avepa
- Founding Member and Secretary of Gevonc Avepa
- Speaker at National Veterinary Oncology Congresses and Courses
- Member of the European Society of Veterinary Oncology (ESVONC), the Spanish Small Animal Veterinary Association (AVEPA) and the Veterinary Oncology Group (Gevonc-Avepa)
- Head of the Oncology Service of the Clinical Veterinary Hospital at Alfonso X El Sabio University
- In 2019 he founded the Ambulate Oncology and Telemedicine service, together with his partner, Oncopets

Mrs. Márquez Garrido, Sandra

- Degree in Veterinary from the University of Extremadura, 2018
- Small Animal Rotational Internship at Alfonso X El Sabio University, 2018-19
- International Oncology Course (Novotech) 2018
- Certification by ESVPS in Oncology (GPCertOncol) 2020
- Emergencies at Moncan Veterinary Hospital (Madrid), 2018-2020
- Emergencies in Surbatán veterinary clinic (Madrid), 2019-2020
- Collaborator with the Oncology Service of HCV UAX (Madrid), 2019-2020
- Oncopets Outpatient Oncology (Madrid), 2020

Mrs. De la Riva, Claudia

- Degree in Veterinary Medicine from the Alfonso X El Sabio University in Madrid, 2013
- Certified General Practitioner in Oncology (GPcertOncol) from the European School of Veterinary Postgraduate Studies (ESVPS)
- Certified in traditional Chinese veterinary medicine with a speciality in oncology from the Chi institute of Europe and Florida
- Member of the Spanish Small Animal Association (AVEPA) and the Veterinary Oncology Group (GEVONC)
- In the process of accreditation in Oncology from GevoncAvepa
- She has worked in different centers in the community of Madrid as a general and emergency veterinarian from 2015 to the present

04

Structure and Content

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

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

This Postgraduate Certificate in Veterinary Oral Cavity Neoplasms in Small Animals contains the most complete and up-to-date scientific program on the market"

Module 1. Oncology in Small Animal Dentistry

1.1. Oral Cancer
- 1.1.1. Etiology of Cancer
- 1.1.2. Cancer Biology and Metastasis
- 1.1.3. Diagnostic Procedure in Oral Oncology (Clinical Stage)
  - 1.1.3.1. Oncological Examination
  - 1.1.3.2. Cytology/Biopsy
  - 1.1.3.3. Diagnostic Imaging
- 1.1.4. Paraneoplastic Syndromes
- 1.1.5. Oral Cancer Treatment Overview
  - 1.1.5.1. Surgery
  - 1.1.5.2. Radiotherapy
  - 1.1.5.3. Chemotherapy.
- 1.1.6. Overview of Oral Cancer Prognosis

1.2. Radiotherapy
- 1.2.1. What is Radiotherapy
- 1.2.2. Mechanisms of Action
- 1.2.3. Modalities of Radiotherapy
- 1.2.4. Side effects:

1.3. Chemotherapy
- 1.3.1. Cellular Cycle
- 1.3.2. Cytotoxic Agents
  - 1.3.2.1. Mechanism of Action
  - 1.3.2.2. Administration
  - 1.3.2.3. Side Effects:
- 1.3.3. Anti-Angiogenic Therapies
- 1.3.4. Targeted Therapy

1.4. Electrochemotherapy
- 1.4.1. What is Electrochemotherapy
- 1.4.2. Mechanism of Action
- 1.4.3. Indications

1.5. Benign Oral Tumors
- 1.5.1. Peripheral Odontogenic Fibroma
- 1.5.2. Acanthomatous Ameloblastoma
- 1.5.3. Odontogenic Tumours
- 1.5.4. Osteomas

1.6. Canine Oral Melanoma
- 1.6.1. Pathophysiology of Oral Melanoma
- 1.6.2. Biological Behavior
- 1.6.3. Diagnostic Procedure
- 1.6.4. Clinical Status
- 1.6.5. Treatment
  - 1.6.5.1. Surgery
  - 1.6.5.2. Radiotherapy
  - 1.6.5.3. Chemotherapy
  - 1.6.5.4. Other treatments
- 1.6.6. Prognosis

1.7. Canine Oral Squamous Cell Carcinoma
- 1.7.1. Physiopathology of Canine Oral Squamous Cell Carcinoma
- 1.7.2. Biological Behavior
- 1.7.3. Diagnostic Procedure
- 1.7.4. Clinical Status
- 1.7.5. Treatment
  - 1.7.5.1. Surgery
  - 1.7.5.2. Radiotherapy
  - 1.7.5.3. Chemotherapy
  - 1.7.5.4. Other treatments
- 1.7.6. Prognosis

1.8. Canine Oral Fibrosarcoma
- 1.8.1. Pathophysiology of Canine Oral Fibrosarcoma
- 1.8.2. Biological Behavior
- 1.8.3. Diagnostic Procedure
- 1.8.4. Clinical Status
- 1.8.5. Treatment
  - 1.8.5.1. Surgery
  - 1.8.5.2. Radiotherapy
  - 1.8.5.3. Chemotherapy
  - 1.8.5.4. Other treatments
- 1.8.6. Prognosis

1.9. Feline Oral Squamous Cell Carcinoma
- 1.9.1. Pathophysiology of Feline Oral Squamous Cell Carcinoma
- 1.9.2. Biological Behavior
- 1.9.3. Diagnostic Procedure
- 1.9.4. Clinical Status
- 1.9.5. Treatment
  - 1.9.5.1. Surgery
  - 1.9.5.2. Radiotherapy
  - 1.9.5.3. Chemotherapy
  - 1.9.5.4. Other treatments
- 1.9.6. Prognosis

1.10. Other Oral Tumours
- 1.10.1. Osteosarcoma
- 1.10.2. Lymphoma
- 1.10.3. Mastocytoma
- 1.10.4. Tongue Cancer
- 1.10.5. Oral Tumours in Young Dogs
- 1.10.6. Multilobular Osteochondrosarcoma

05

Methodology

This training program offers a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

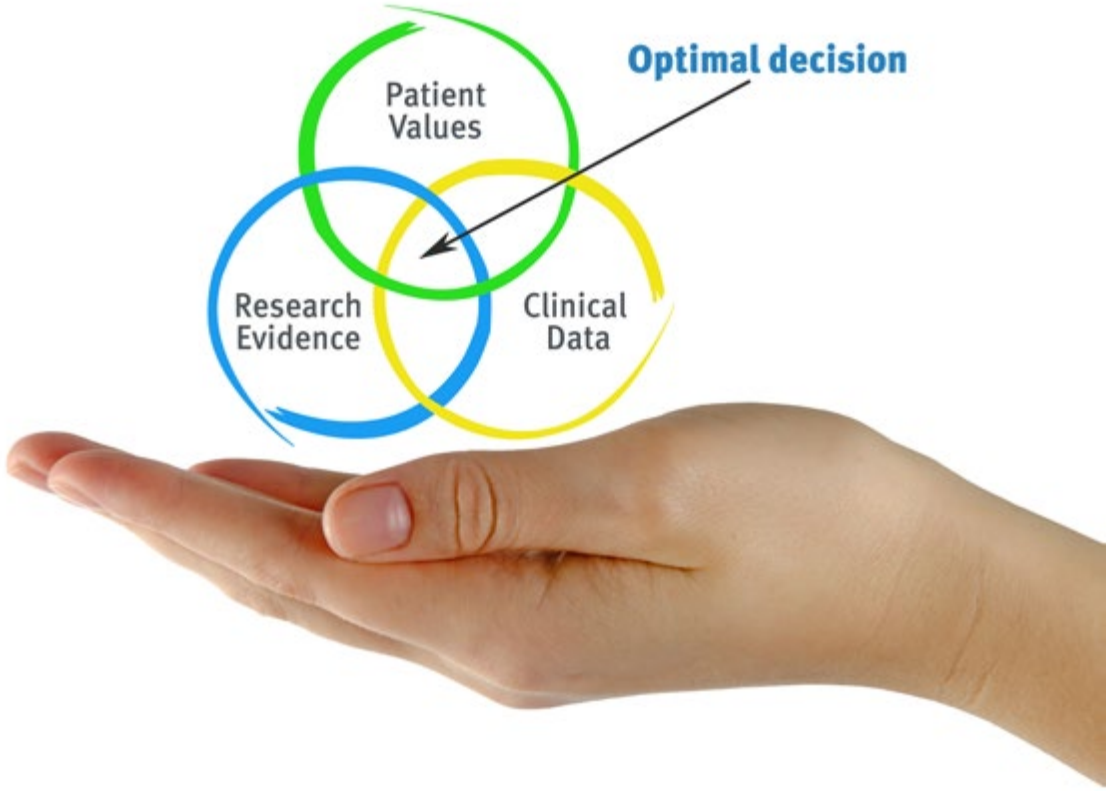
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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 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.

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 Harvard 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.

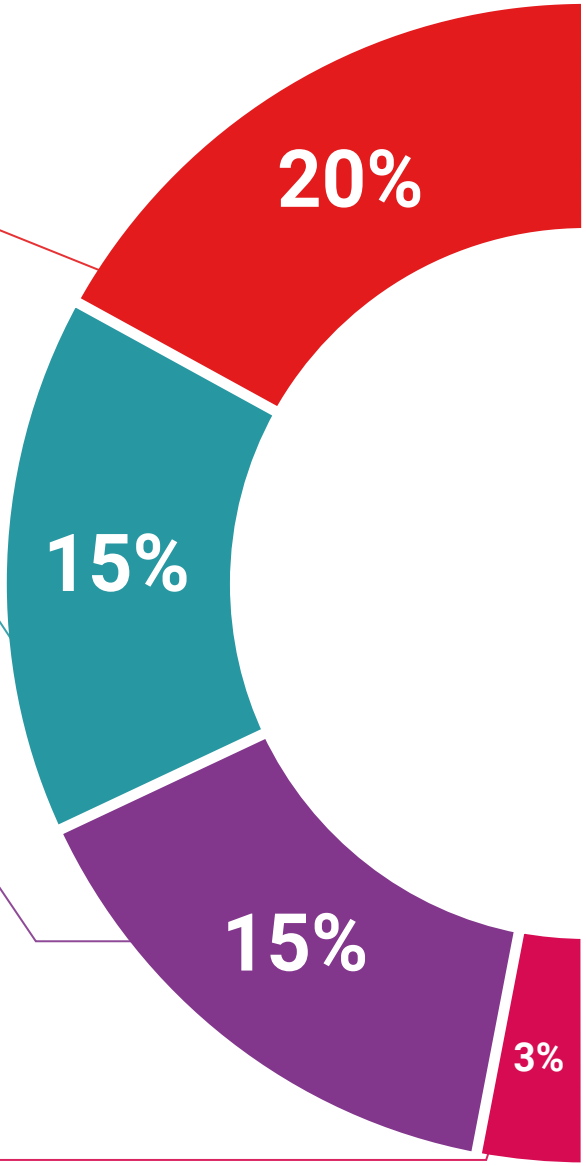
Interactive Summaries

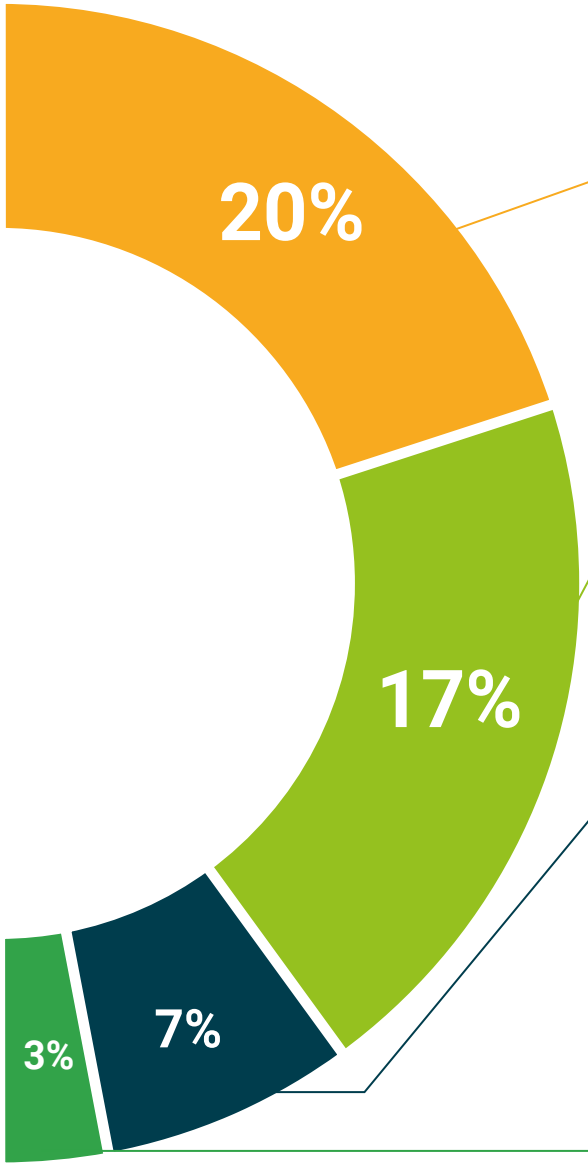
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive multimedia content presentation training Exclusive 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, 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 your 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 Veterinary Oral Cavity Neoplasms in Small Animals guarantees you, in addition to the most rigorous and updated training, access to aPostgraduate Certificate iissued by TECH Global University.

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

This program will allow you to obtain your **Postgraduate Certificate in Veterinary Oral Cavity Neoplasms 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 Veterinary Oral Cavity Neoplasms in Small Animals**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**


tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Veterinary Oral Cavity Neoplasms in Small Animals

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates

*Apostille Convention. In the event that the student wishes to have their paper diploma stamped with a Hague Apostille, TECH Global University will make the necessary arrangements at an additional cost.

tech global university

Postgraduate Certificate
Veterinary Oral Cavity Neoplasms in Small Animals

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

Postgraduate Certificate

Veterinary Oral Cavity Neoplasms in Small Animals

tech global university