Postgraduate Diploma

Clinical Oncology in Small Animals

tech global university

tech global university

Postgraduate Diploma
Clinical Oncology in Small Animals

- Modality: **online**
- Duration: **6 monthst**
- Certificate: **TECH Global University**
- Credits: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-clinical-oncology-small-animals

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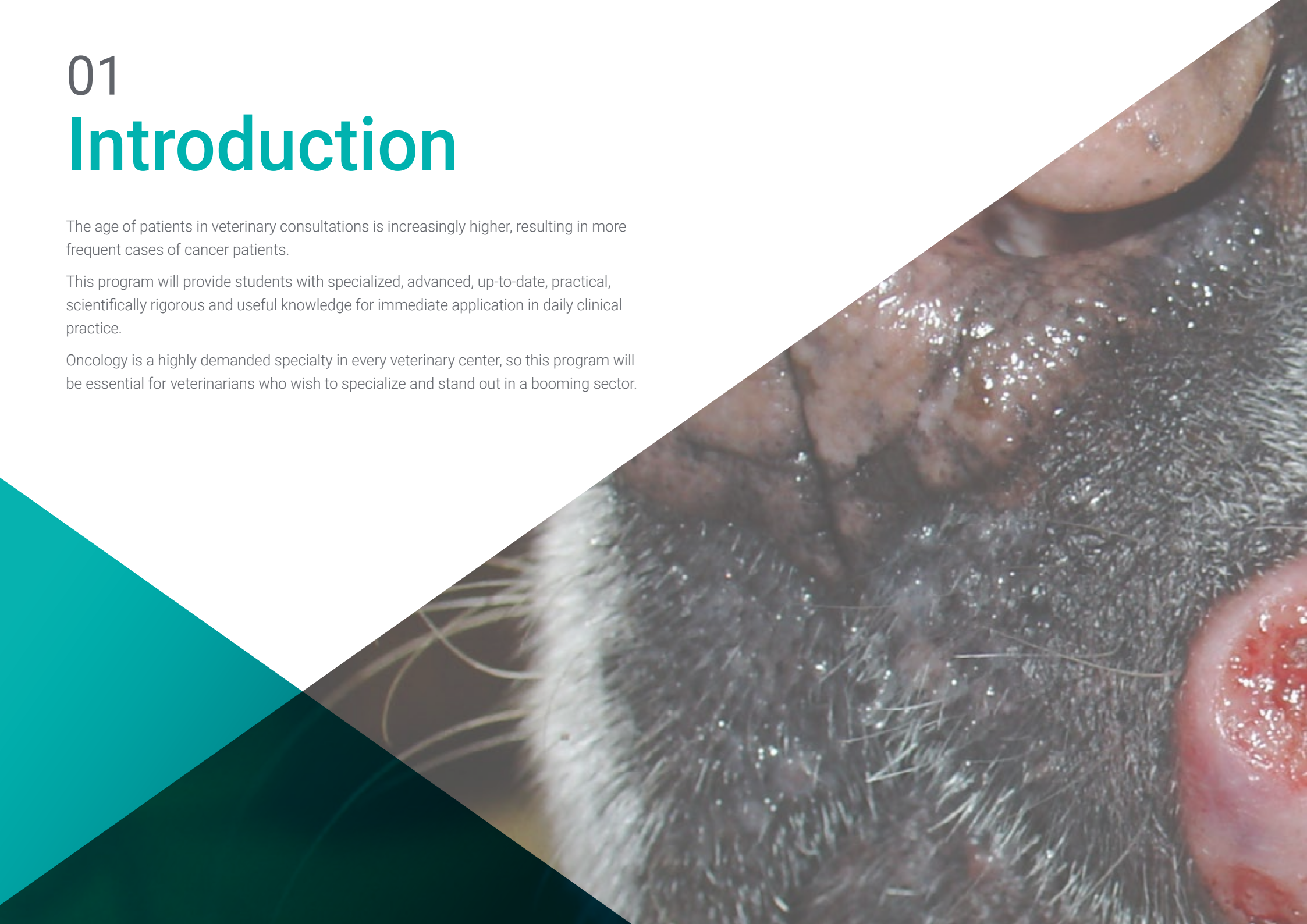
01

Introduction

The age of patients in veterinary consultations is increasingly higher, resulting in more frequent cases of cancer patients.

This program will provide students with specialized, advanced, up-to-date, practical, scientifically rigorous and useful knowledge for immediate application in daily clinical practice.

Oncology is a highly demanded specialty in every veterinary center, so this program will be essential for veterinarians who wish to specialize and stand out in a booming sector.



Become one of the most demanded professionals today: specialize in Clinical Oncology in Small Animals with this comprehensive online program"

The Postgraduate Diploma in Clinical Oncology in Small Animals provides up-to-date, relevant and practical knowledge on various oncological diseases that affect pets. It takes detailed, multidisciplinary look into the approach, management and latest techniques in the field of veterinary oncology.

Small Animal Oncology is a subspecialty of Internal Medicine which has experienced great development in the last decades. The professors on this specialization program are at the forefront of the latest diagnostic techniques and treatments of oncological diseases in small animals. Due to their specialized training, they have designed a useful, practical program adapted to the current situation, an increasingly demanding and specialized reality.

All the professors on the program are clinicians and/or university professors with experience in both undergraduate and postgraduate training. The participating professors are specialized in different areas involved in Small Animal Oncology such as clinical oncologists, oncological surgeons, radiologists and anatomopathologists. The aim is to offer a program that takes a multidisciplinary approach to oncology.

This program specializes general practitioners in veterinary oncology in an area that is increasingly in demand, partly due to its prevalence, and partly to the specialization the area requires and demands.

All the modules compiled include the author's experience, without forgetting scientific rigor and the most important evidence-based updates. It addresses diseases and action protocols, and it considers integral approach to patients, including disease, patient and owner.

The program also includes a large amount of multimedia material: photos, videos, diagrams, imaging techniques and surgery.

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 Diploma in Clinical Oncology in Small Animals** 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
- Complementary documentation databases that are permanently available, even after the program

Take the opportunity to learn about the latest advances in this area to apply them to your daily practice"

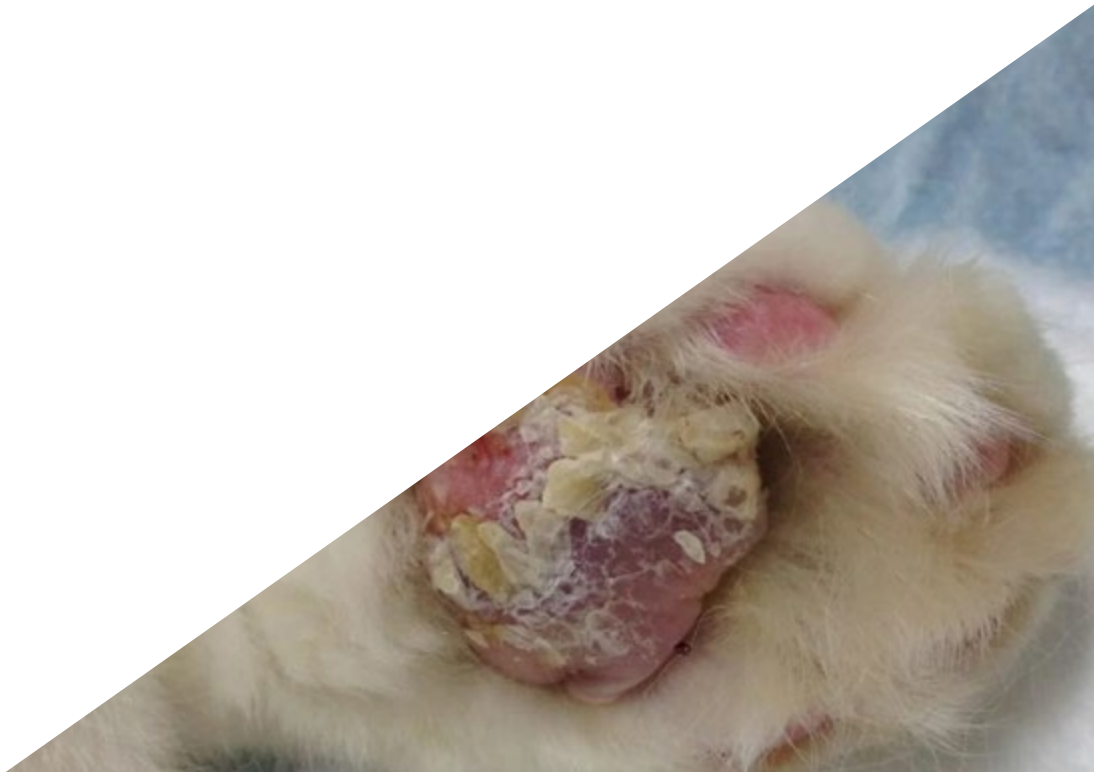
You will benefit from the experience of expert professionals who will contribute their experience in the field to the program, making it a unique opportunity for professional growth"

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 specialized and experienced in different environments, who will develop the theoretical knowledge efficiently, but, above all, will put at the service of the program the practical knowledge derived from their own experience: one of the differential qualities of this specialization.

This mastery of the subject is complemented by the effectiveness of the methodology used in the design of this Postgraduate Diploma in Clinical Oncology in Small Animals. 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 you to integrate and fix learning in a more realistic and permanent 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

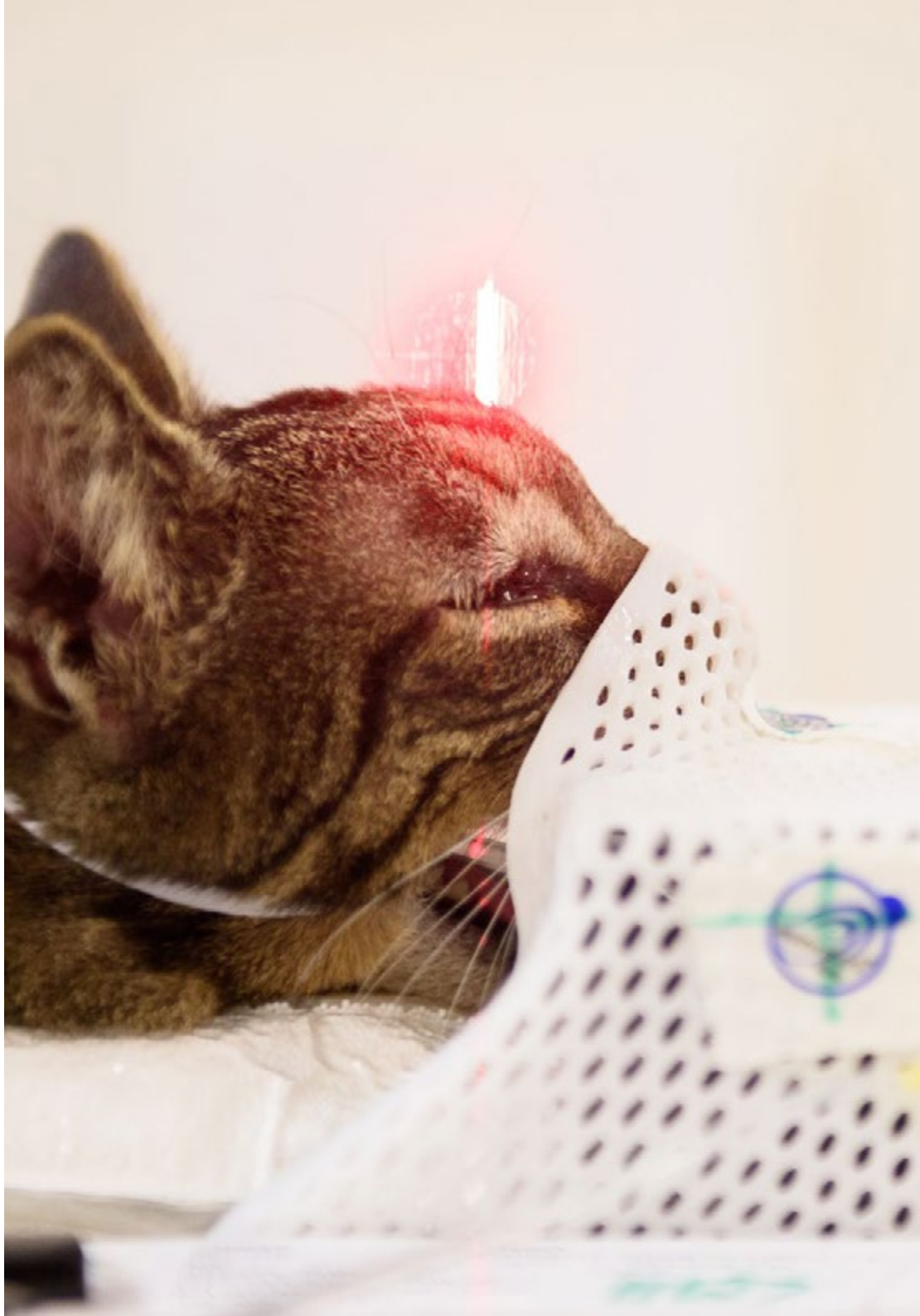
Objectives

The objective is to enable 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 our students can achieve in only a few months of a highly intensive and accurate program.

If your goal is to turn your skills towards new paths of success and development, this is the Postgraduate Diploma for you: A program that aspires to excellence"

General Objectives

- Examine the basis of tumor biology and etiology of cancer
- Analyze the different types of epidemiologic studies used in cancer research
- Generate protocols for a general approach to cancer patients
- Perform cytological technique and interpretation
- Propose a system for biological specimen referral to anatomic pathology laboratories and analyze the information provided in anatomopathological reports
- Examine various modalities in the imaging techniques used to diagnose cancer in patients
- Present the molecular diagnostic techniques available in oncology
- Evaluate the therapeutic modalities of cancer treatment such as surgery and chemotherapy
- Define new treatment options for cancer patients such as electrochemotherapy and molecular/targeted therapy
- Evaluate therapeutic modalities in new-onset and/or less accessible cancers
- Define para-neoplastic syndromes and associated complications
- Analyze key aspects of informing owners about small animal cancers
- Specify palliative care in cancer patients



Specific Objectives

Module 1. Introduction to Oncology. Etiology, Biology and Epidemiology of Cancer. Anatomopathological Diagnosis

- Analyze the genetic basis of cancer, as well as the influence of chemical, physical, hormonal and viral factors in its development
- Define tumor biology and metastases formation
- Compile the different types of epidemiologic research used in the study of cancer
- Define the concept of translational medicine and its implication in human cancer research
- Propose protocols for the diagnostic and therapeutic approach in cancer patients
- Develop the cytologic technique and interpretation in depth
- Identify the key points to correctly refer biological samples to anatomic pathology laboratories
- Establish the guidelines to correctly interpret anatomic pathology reports

Module 2. Cancer Diagnosis. Imaging and Molecular Diagnostic Techniques. Chemotherapy, Electrochemotherapy and Molecular/Targeted Therapy

- Develop radiology as an imaging technique in cancer patient staging
- Analyze ultrasound as an imaging technique in the diagnosis of cancer patients
- Evaluate computed tomography and magnetic resonance imaging as advanced imaging techniques in the diagnosis of oncologic patients
- Specify the advantages and limitations of diagnostic imaging techniques to define their scope of application
- Evaluate surgery as one of the first cancer treatment modalities
- Define the concepts of surgical margins and types of surgery in oncology, as well as the advantages and limitations of this therapeutic modality in cancer treatment
- Develop new therapeutic modalities in the treatment of oncology patients such as electrochemotherapy and molecular/targeted therapy
- Establish the side effects, advantages and limitations of chemotherapy, electrochemotherapy and molecular/targeted therapy in the treatment of oncology patients

Module 3. Cancer Patient Treatment: Radiotherapy, Immunotherapy, and Interventional Oncology. Complications in Oncological Therapy. Palliative Care

- Analyze the indications, advantages, limitations, and side effects of radiation therapy as an oncological treatment modality in small animals
- Examine the indications, advantages, limitations, and side effects of immunotherapy as a small animal oncology treatment modality
- Evaluate the indications, advantages, limitations, and side effects of interventional oncology as a small animal oncology treatment modality
- Define paraneoplastic syndromes in dogs and cats
- Propose action protocols for oncological emergencies
- Establish guidelines to establish a proper line of communication with cancer patient owners
- Analyze the treatment of pain in oncological patients
- Develop nutritional support plans for cancer patients

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, as experts in Clinical Oncology in Small Animals, will help you succeed in your profession"

Management

Dr. Ortiz Díez, Gustavo

- Head of Small Animal Unit at 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 by UR. Completed training in Gestalt psychology
- ICT competencies course for teachers by UNED

Professors

Dr. De Andrés Gamazo, Paloma Jimena

- Director and Coordinator of Continuing Education courses, Universidad Complutense de Madrid, Spain, on Technical Assistance in Veterinary Clinic Part II and Part I, respectively
- Private teacher in several training schools for Zookeepers and Veterinary Technical Assistants
- PhD in Veterinary Sciences, UCM, December 2015
- Degree in Veterinary Medicine, UCM, 2004
- Master's Degree in Teacher Training for Compulsory High School Teachers, Vocational Training and Language Teaching, Universidad Nacional de Educación a Distancia (UNED), Spain, September 2012
- Graduated in Veterinary Medicine, 2005
- Assistant Physician Professor for courses in Histology, Special Pathological Anatomy and Clinical Rotation, UCM, since September 2019
- Associate Professor for courses in Special Pathological Anatomy and Clinical Rotation, UCM, from September 2016 to August 2019
- Associate Professor for courses in General Anatomic Pathology and Special Anatomic Pathology, University Alfonso X El Sabio, from January to July 2019
- Anatomopathological diagnosis of biopsies and necropsies, Diagnostic Service, Complutense Clinical Veterinary Hospital, since 2019
- Head of the Cytological Diagnostic and Clinical Oncology Service, Retiro Veterinary Hospital, from September 2017 to August 2019
- Clinical veterinarian in several leading veterinary hospitals (Ervet Urgencias Veterinarias, Hospital Veterinario Retiro and Surbatán, in Madrid; and Hospital Veterinario Archiduque Carlos, in Valencia) in the Emergency and Hospitalization Services from 2004 to 2012 and from 2017 to 2019
- Chief Veterinarian, Head of Conservation, Research and Education in the field of wildlife medicine and conservation at La Reserva del Castillo de las Guardas, Seville, from March 2012 to September 2017

Dr. Álvarez Ibañez, Jorge

- Head of the Neurology and Neurosurgery Service, San Fermin Veterinary Hospital
- Member of the Neurology and Neurosurgery Service, 4 de Octubre Veterinary Hospital
- Degree in Veterinary Medicine, Faculty of Veterinary Medicine of Lugo, University of Santiago de Compostela, 2010
- Specialization in Neurology, Neurosurgery and Neuroimaging, University of Luxembourg ESAVS Neurology, Bern, Switzerland; and Neurosurgery, Tuttlingen, Germany
- Completion of multiple specialization and accreditation courses in the areas of neurology, neurosurgery, traumatology and orthopedics, vascular and interventional surgery and general surgery
- Currently in the process of accreditation for the specialty of neurology and neurosurgery, AVEPA Member of Neurology and Orthopedics working groups, AVEPA
- Stays in several leading centers in neurology and neurosurgery

Dr. Hernández Bonilla, Milagros

- Veterinarian in charge of the Internal Medicine and Oncology service at La Salle Veterinary Center (Salamanca) 2017-Present
- Graduated in Veterinary Medicine in 2011. University of Leon
- Master's Degree in Veterinary Research and Food Science and Technology University of Leon
- General Practitioner Certificate Program in Oncology. 2017-2018. Improve International, Madrid
- In the process of accreditation in Veterinary Oncology, AVEPA (GEVONC)
- Member of AVEPA (Association of Veterinary from Specialists in Small Animals)
- Member of GEVONC (Group of specialists in Veterinary Oncology).
- Member of the Official College of Veterinarians Asturias (331930)
- Royal College of Veterinary Surgeons Nº 7369353
- 2012 - 2014 internship in Emergency and Intensive Care, Veterinary Hospital of the University of Murcia
- 2014-2017 Veterinarian in different private centers in Asturias. Spain

Dr. Lorenzo Toja, María

- Veterinarian in the Diagnostic Imaging Service, 4 de Octubre Veterinary Hospital
- Degree in Veterinary Medicine, University of Santiago de Compostela, 2007
- Pursuing Avepa's Accreditation in Diagnostic Imaging
- GpCert: Ultrasound & Echocardiography, 2017
- Official Master's Degree in Basic and Applied Research in Veterinary Sciences
- TIT: Mouse Brain Relaxation Times in 11.7 T MRI 2009/2010
- Clinical Veterinarian, Can Cat Veterinary Clinic, Santiago de Compostela, 2013/2018 (Internal medicine, feline medicine, ultrasound and echocardiography)
- Veterinarian in the Continuous Care Service, Rof Codina Veterinary University Hospital
- MRI Head Veterinarian, USC Magnetic Resonance Unit 2010/2012
- Small Animal Boarding, Rof Codina Veterinary University Hospital 2008/2009
- Student Intern, Veterinary Hospital

Dr. González de Ramos, Paloma

- Director and Head of the Anesthesiology and Resuscitation Service, 4 de Octubre, Veterinary Hospita, Arteixo, A Coruña, January 2018- present
- Degree in Veterinary Medicine from the Alfonso X El Sabio University Madrid, 2013
- Specialization in Anesthesiology, Resuscitation and Pain Therapeutics, Alfonso X el Sabio University, 2014-2017
- Multiple courses, congresses and specialization conferences in the area of veterinary anesthesiology
- Training stay in the Anesthesiology and Resuscitation Service, Cornell University Veterinary Hospital, New York, NY, USA, August-September 2017, under the tutelage of Dr. Luis Campoy (LV, MSc, PhD, Dip ACVAA)
- Training stay in the Anesthesiology and Resuscitation Service, University of Bern Veterinary Hospital, Switzerland, October 2016, under the tutelage of Dr. Olivier Levionnois (DVM, DrMedVet, Dip ECVAA, PhD, Habil. Senior Clinical instructor Research Assistant, Lecturer)
- Currently in the process of accreditation in the specialty of Anesthesia, AVEPA
- Member of the Spanish Society of Veterinary Anesthesia and Analgesia (SEAAV)
- Member of the AVEPA Anesthesia Working Group
- Resident of the Anesthesiology and Resuscitation Service, Alfonso X el Sabio University Veterinary Hospital, Madrid (September 2014 - September 2017)
- General Veterinarian, Arealonga Veterinary Clinic, A Coruña, September 2013 - September 2014

Dr. González Villacieros, Álvaro

- Member of the Anaesthesiology and Resuscitation Service, 4 de Octubre Veterinary Hospital
- Degree in Veterinary Medicine, University of León, 2010
- Master's Degree in Anesthesiology, Pharmacology and Therapeutics in Veterinary Medicine, CIU, 2016
- Diploma in Small Animal Clinical Practice, UAB, 2017
- Diploma in Small Animal Ophthalmology, UCM, 2019
- General and Emergency Veterinarian in Small Animal Clinics, 2010 - 2016
- Head of the Anesthesia Service, Specialist Center, since 2016 Deputy of the Ophthalmology Team in the same center
- Speaker at the 2013 Northwest Veterinary Congress presenting Canine Leishmaniasis in the Region of Valdeorras: Seroprevalence and Clinical Characteristics in collaboration with Dr. Adolfo García Emilió and Dr. Ana Carbajal Ureña, University of Leon

04

Structure and Content

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

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

A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with your personal and professional life"

Module 1. Introduction to Oncology. Etiology, Biology and Epidemiology of Cancer: Anatomopathologic Diagnosis

1.1. Etiology of Cancer
- 1.1.1. Genetic Factors
- 1.1.2. Chemical, Physical and Hormonal Factors
- 1.1.3. Viral Origin

1.2. Biology of Cancer: Metastasis
- 1.2.1. Normal Cellular Cycle
- 1.2.2. Tumor Cells
- 1.2.3. Metastasis

1.3. Epidemiology and Evidence-Based Medicine: Translational Medicine
- 1.3.1. Epidemiological Terms
- 1.3.2. Factors Linked to Cancer
- 1.3.3. Translational Medicine

1.4. Approach to Cancer Patients (I)
- 1.4.1. Cancer Patient Overview
- 1.4.2. Initial Interview
- 1.4.3. Physical Examination

1.5. Approach to Cancer Patients (II)
- 1.5.1. Diagnostic Techniques
- 1.5.2. Therapeutic Approach
- 1.5.3. Concomitant Pathologies

1.6. Cytology (I)
- 1.6.1. Cytological Sampling Technique
- 1.6.2. Most Frequent Stains in Cytological Diagnosis
- 1.6.3. Principle of Cytological Interpretation

1.7. Cytology (II)
- 1.7.1. Delivery Protocol for Cytological Samples
- 1.7.2. Epithelial Tumors
- 1.7.3. Mesenchymal Tumors

1.8. Cytology (III)
- 1.8.1. Round Cell Tumours
- 1.8.2. Metastatic Tumors and Cavity-Exfoliating Tumors
- 1.8.3. Interpreting Cytology Reports

1.9. Pathological Anatomy (I). Biopsy and Specimen Referral
- 1.9.1. Biopsy Techniques
- 1.9.2. How to Refer a Specimen Properly?
- 1.9.3. Interpreting Histopathological Reports

1.10. Pathological Anatomy (II). Interpreting Histological Reports
- 1.10.1. Immunohistochemistry Techniques and Molecular Biology
- 1.10.2. Utility and Advantages in Oncology Management
- 1.10.3. Tumor Markers

Module 2. Cancer Diagnosis. Imaging and Molecular Diagnostic Techniques. Chemotherapy, Electrochemotherapy and Molecular/Targeted Therapy

2.1. Diagnostic Imaging in Cancer Patients (I)
- 2.1.1. Introduction to Imaging Techniques in Oncology
  - 2.1.1.1. Radiology
  - 2.1.1.2. Ultrasound
  - 2.1.1.3. Computerized Tomography
  - 2.1.1.4. Magnetic Resonance

2.2. Diagnostic Imaging in Cancer Patients (II)
- 2.2.1. Diagnostic Imaging Techniques in Digestive Tract Neoplasms
- 2.2.2. Imaging Techniques in Respiratory System Neoplasms
- 2.2.3. Diagnostic Imaging Techniques in Urinary System Neoplasms
- 2.2.4. Diagnostic Imaging Techniques in Hepatopoietic Neoplasms

2.3. Diagnostic Imaging in Cancer Patients (III)
- 2.3.1. Diagnostic Imaging Techniques in Cutaneous Neoplasms
- 2.3.2. Diagnostic Imaging Techniques in Nervous System Neoplasms
- 2.3.3. Diagnostic Imaging Techniques in Musculoskeletal Neoplasms

2.4. Molecular Diagnoses
- 2.4.1. Molecular Diagnostic Techniques
- 2.4.2. Quantification and Gene Expression
- 2.4.3. Personalized Therapy in Cancer

2.5. Principles of Surgical Oncology (I)
- 2.5.1. Pre-operative Considerations
- 2.5.2. Preoperative Approach
- 2.5.3. Biopsies and Sample Collecting

2.6. Principles of Surgical Oncology (II)
- 2.6.1. Surgical Considerations
- 2.6.2. Definition of Surgical Margins
- 2.6.3. Cytoreductive and Palliative Surgeries
- 2.6.4. Post-Operative Considerations

2.7. Chemotherapy (I)
- 2.7.1. What Is Chemotherapy?
- 2.7.2. Dosage
- 2.7.3. Species Characteristics

2.8. Chemotherapy (II)
- 2.8.1. Antitumor Antibiotics
- 2.8.2. Alkylating Agents
- 2.8.3. Usage Inhibitors

2.9. Electrochemotherapy
- 2.9.1. Basis of Electrochemotherapy
- 2.9.2. Neuroeducation Applications
- 2.9.3. New Horizons

2.10. Molecular/Targeted Therapy
- 2.10.1. Genetic Therapy
- 2.10.2. Tyrosine Kinase Inhibitors
- 2.10.3. Angiogenic Therapy
- 2.10.4. Metronomic Therapy
- 2.10.5. Emerging Therapeutic Agents

Module 3. Cancer Patient Treatment. Radiotherapy, Immunotherapy, and Interventional Oncology. Complications in Oncological Therapy. Palliative Care

3.1. Radiotherapy (I)
- 3.1.1. Principles of Biological Tissue Radiation
- 3.1.2. Stereotactic Radiation
- 3.1.3. Effective Biological Dose

3.2. Radiotherapy (II)
- 3.2.1. Palliative Radiotherapy
- 3.2.2. Tumors Frequently Treated with Radiotherapy

3.3. Immunotherapy
- 3.3.1. Immune System Control
- 3.3.2. Immune System Control Therapies
- 3.3.3. Antibody Therapy
- 3.3.4. Future of Immunotherapy

3.4. Interventional Oncology
- 3.4.1. Material
- 3.4.2. Vascular Interventions
- 3.4.3. Non-Vascular Interventions

3.5. Complications in Oncological Therapy
- 3.5.1. Hematological Side Effects
- 3.5.2. Digestive Side Effects
- 3.5.3. Other Side Effects

3.6. Paraneoplastic Syndromes
- 3.6.1. What Is a Paraneoplastic Syndrome?
- 3.6.2. Hypercalcemia
- 3.6.3. Others

3.7. Oncologic Emergencies
- 3.7.1. What Is an Oncologic Emergency?
- 3.7.2. Most Frequent Oncologic Emergencies
- 3.7.3. Treating Oncologic Emergencies

3.8. Communication with the Owner
- 3.8.1. How to Deliver the News
- 3.8.2. How to Face the End
- 3.8.3. How to Prepare Emotionally

3.9. Palliative Care: Pain Treatment in Oncologic Patients
- 3.9.1. Mechanisms that Generate Pain in Cancer Patients
- 3.9.2. Pain Assessment in Cancer Patients
- 3.9.3. Pain Treatment in Cancer Patients

3.10. Palliative Care: Nutritional Support for Cancer Patients
- 3.10.1. Metabolism in Cancer
- 3.10.2. Nutritional Assessment of Cancer Patients
- 3.10.3. Implementing Nutrition Plans for Cancer Patients

Take the opportunity to learn about the latest advances in this area to apply them to your daily practice"

05

Methodology

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

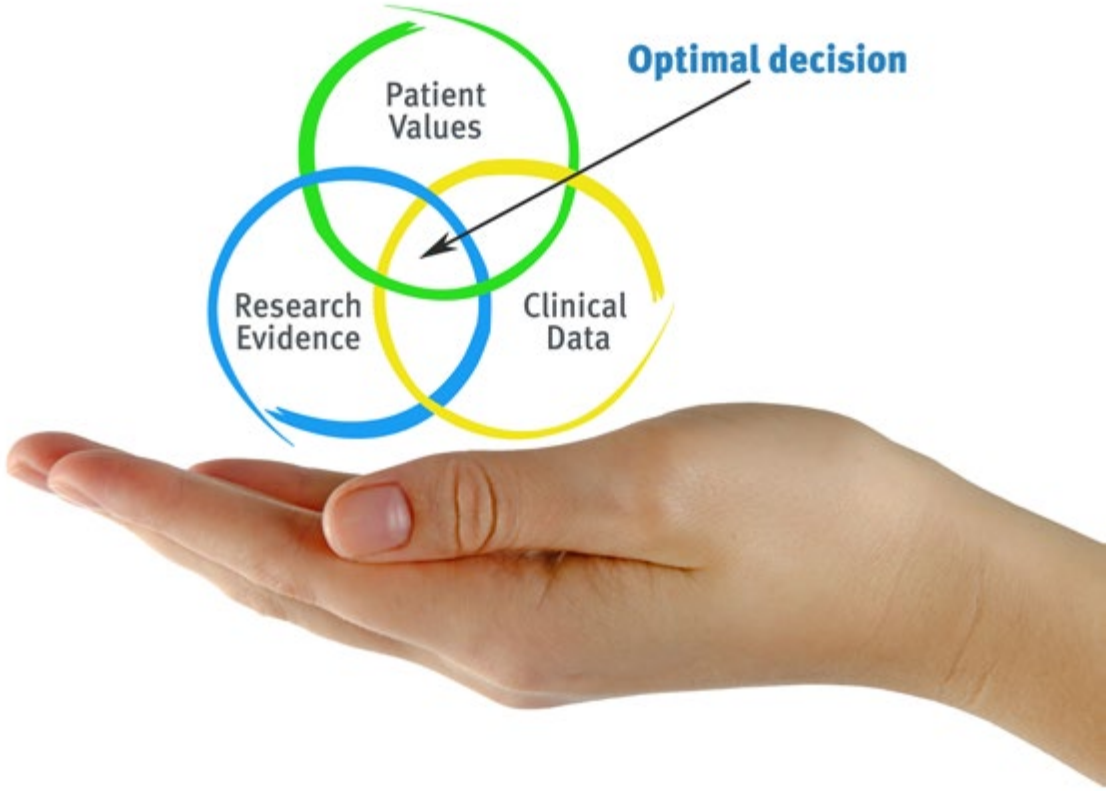
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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:

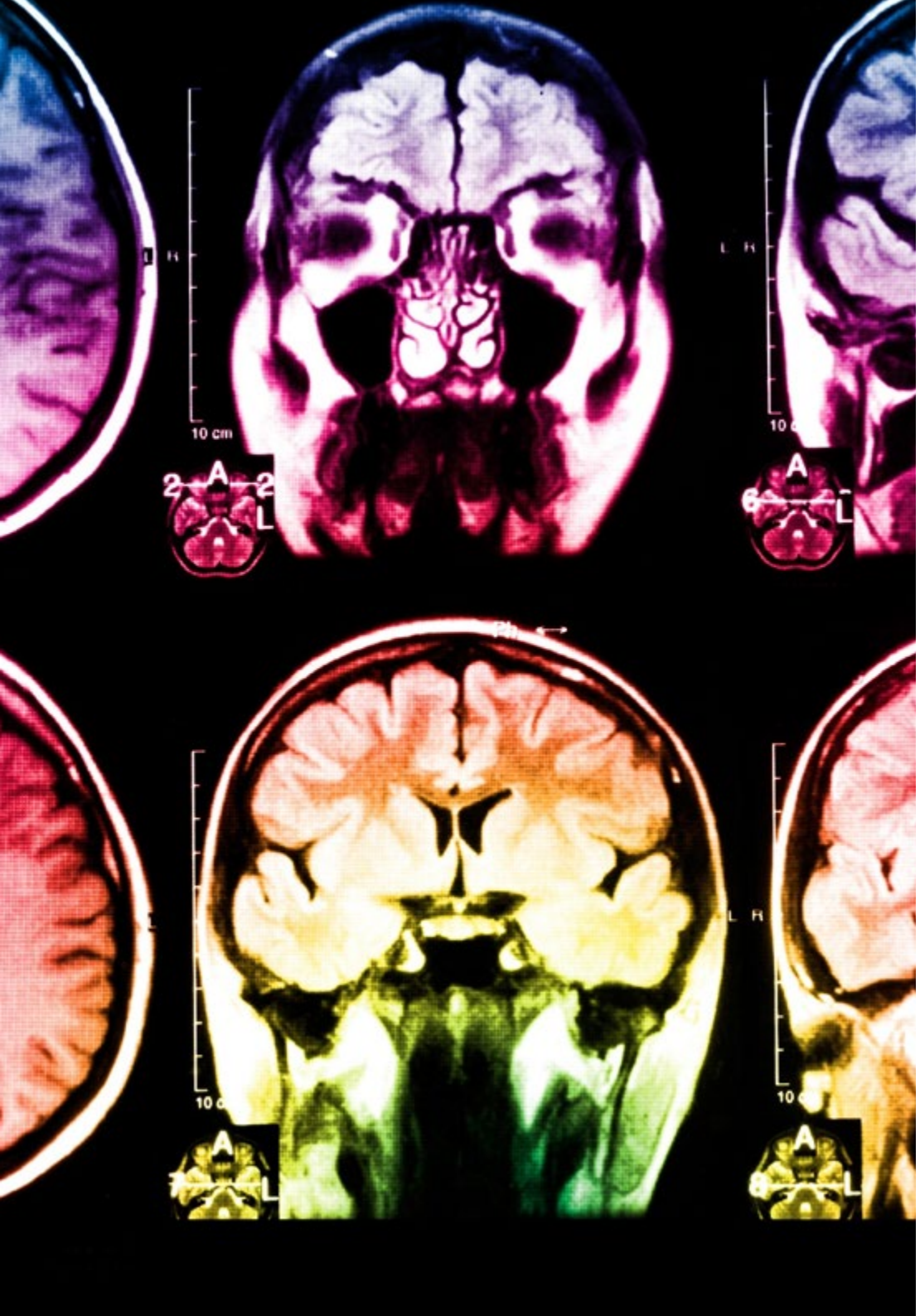
1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real 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 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.

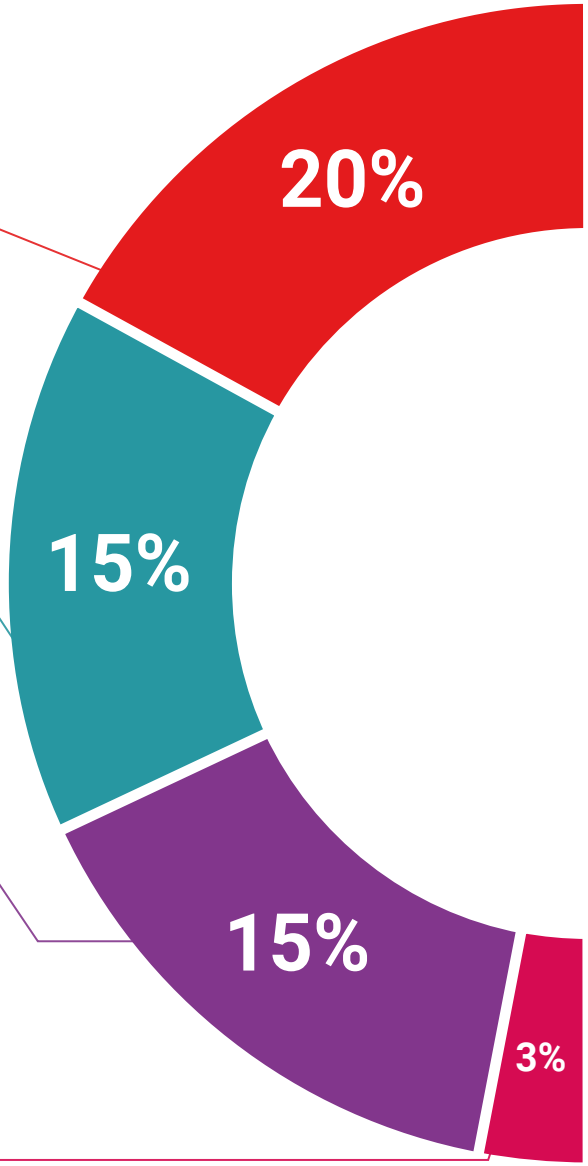
Interactive Summaries

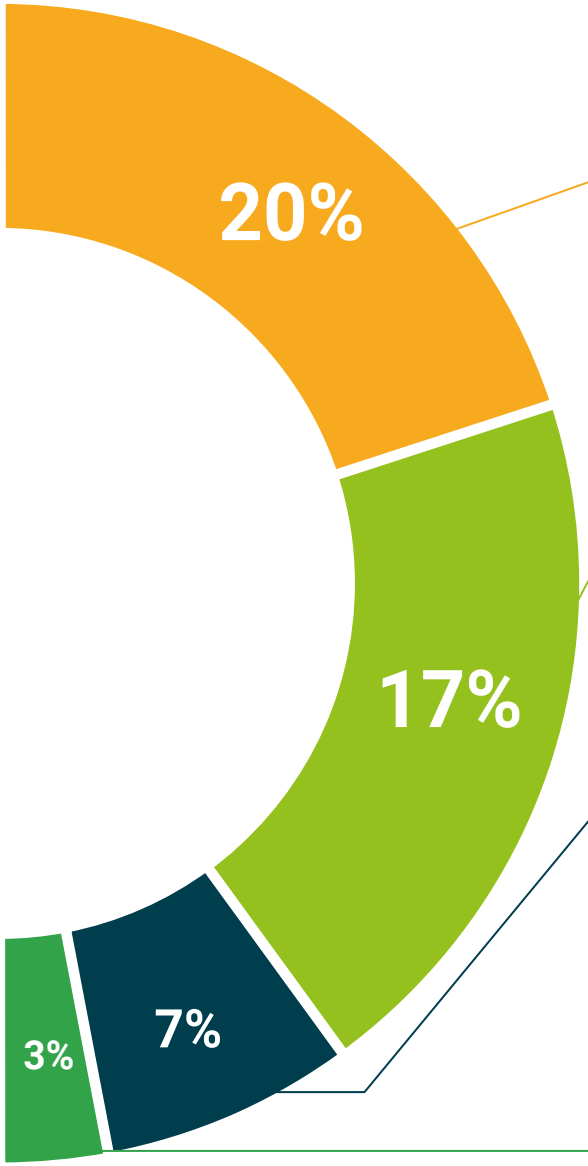
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Clinical Oncology 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.

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 Diploma in Clinical Oncology 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 Diploma in Clinical Oncology in Small Animals**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**

tech global university

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

Postgraduate Diploma in Clinical Oncology in Small Animals

This is a program of 450 hours of duration equivalent to 18 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 issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

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Postgraduate Diploma
Clinical Oncology in Small Animals

- Modality: **online**
- Duration: **6 monthst**
- Certificate: **TECH Global University**
- Credits: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Diploma

Clinical Oncology in Small Animals

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