

Postgraduate Diploma Canine and Feline Dentistry





tech technological
university

Postgraduate Diploma Canine and Feline Dentistry

Course Modality: Online

Duration: 6 months

Certificate: TECH Technological University

Official N° of hours: 600 h.

Website: www.techtute.com/in/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-canine-feline-dentistry

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 24

06

Certificate

p. 32

01

Introduction

This intensive program addresses the most frequent surgical pathologies that a veterinarian may encounter in the oral cavity of dogs and cats, as well as the performance of the most appropriate surgical technique for each case in an individualized manner.

It covers surgery of the oral cavity, from the lips and cheeks to the most frequent pathologies of the salivary glands, tonsils and tongue.





“

Become one of the most demanded professionals of the moment: specialize in Canine and Feline Dentistry with this Postgraduate Diploma”

The Postgraduate Diploma university in Canine and Feline Dentistry 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. Therefore, the neoplasms that affect pets in the oral cavity are addressed, and how to deal with them, in these cases, with surgery as the basis of dental treatments in pets.

The syllabus covers specialized knowledge to carry out the repair of jaw fractures, considering the biomechanics that produce them in order to solve them in the most appropriate way.

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

This Postgraduate Diploma provides the student with all the theoretical and practical knowledge necessary to safely and safely face any oral and maxillofacial procedure in the species studied.

Nowadays, the possibility of coordinating the veterinary clinician's working life with the completion of a program such as this one is highly appreciated and valuable, and this Postgraduate Diploma meets this requirement, in 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 Diploma in Canine and Feline Dentistry** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ♦ 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 program



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

“*Achieve a complete and adequate qualification in Canine and Feline Dentistry with this Postgraduate Diploma of high formative efficiency and open new paths to your professional progress*”

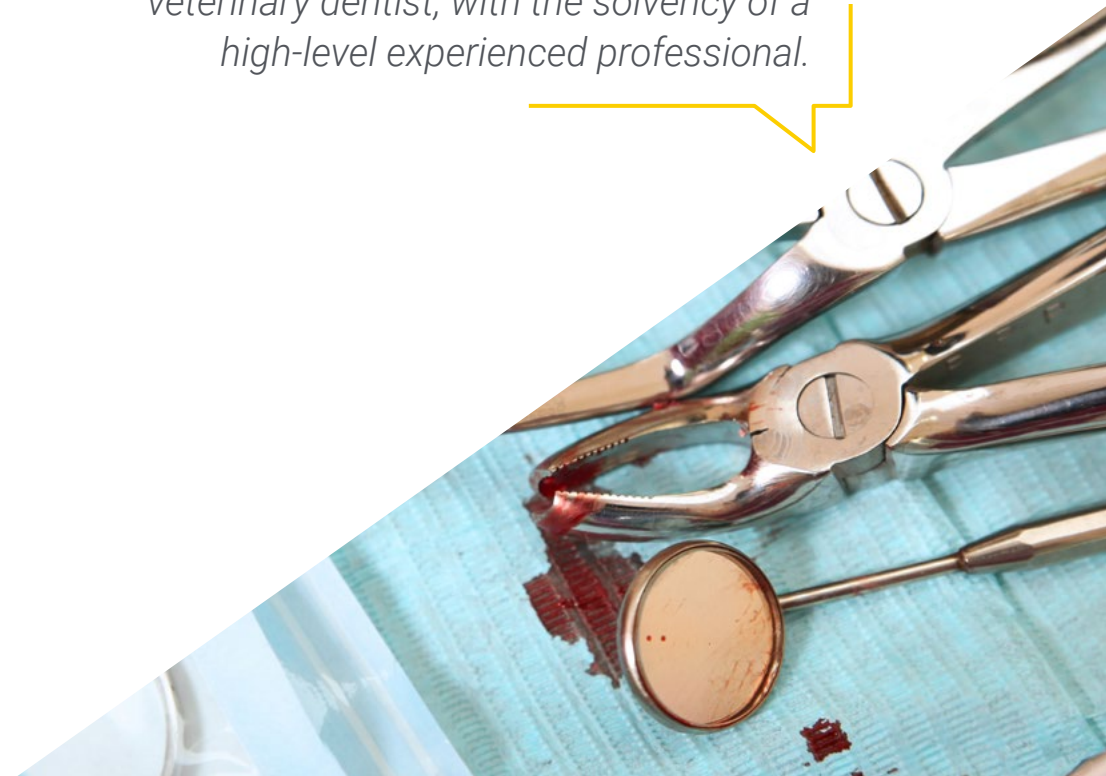
Our teaching staff is made up of professionals from different fields related to this specialty. In this way, TECH ensures to offer you the updating objective it intends. A multidisciplinary team of qualified and experienced professionals in different environments, who will develop the theoretical knowledge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

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Diploma in Canine and Feline Dentistry. 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 education.

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, we will use telepractice learning: with the help of an innovative interactive video system and Learning from an Expert, the students 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.

With a methodological design based on proven teaching techniques, this Postgraduate Diploma in Canine and Feline Dentistry will take you through different teaching approaches to allow you to learn in a dynamic and effective way.

A Postgraduate Diploma that will enable you to perform the activity of the veterinary dentist, with the solvency of a high-level experienced professional.



02

Objectives

TECH's objective is to prepare 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, can be achieved with a high intensity and precision 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

- ♦ Establish the basis of the anatomy involved in veterinary dentistry
- ♦ Provide specialized knowledge of dental and periodontal anatomical structures
- ♦ Generate specialized knowledge in comparative anatomy of dogs and cats
- ♦ Identify oral anatomical structures
- ♦ Establish the foundations of canine dentistry and establish protocols for action, generating a specific routine for the specialty
- ♦ Develop all aspects of dog dentistry: complete clinical examination, differential diagnoses, specific treatments, surgical technique and prognosis
- ♦ Identify the most frequent pathologies quickly and accurately and prescribe effective and precise treatment
- ♦ Analyze clinical cases objectively and precisely
- ♦ Develop specialized knowledge to examine, diagnose and treat oral pathologies correctly based on the latest advances in the specialty
- ♦ Establish the foundations of feline dentistry and establish protocols for action, generating a specific routine for the specialty
- ♦ Identify the most frequent pathologies quickly and accurately with effective and precise treatment
- ♦ Analyze diseases on the basis of good theory and in an interactive way
- ♦ Generate specialized knowledge to examine, diagnose and treat oral pathologies correctly based on the latest advances in the specialty
- ♦ Examine the main surgical pathologies occurring in the oral cavity of dogs and cats
- ♦ Diagnose any type of injury taught in this module
- ♦ Develop specialized and advanced knowledge in order to carry out medical-surgical treatment in each case in an individualized manner
- ♦ Determine the surgical techniques necessary to safely approach oral cavity surgery and avoid as many complications as possible



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



Specific Objectives

Module 1. Dental and oral cavity anatomy in small animals

- ♦ Determine the stages of tooth development
- ♦ Generate specialized knowledge to differentiate normal occlusion from malocclusion
- ♦ Analyse the dental anatomy in the canine and feline species
- ♦ Examine periodontal anatomy in the canine and feline species
- ♦ Develop specialized knowledge of the bone and joint anatomy of the head, muscular anatomy, neurovascular anatomy and glandular anatomy

Module 2. Dentistry in Canine Veterinary

- ♦ Establish routine oral examination guidelines and records
- ♦ Carry out preventive dentistry
- ♦ Carry out an in-depth analysis of the dog's oral pathologies
- ♦ Determine instrumentation and general equipment
- ♦ Establish differential diagnoses
- ♦ Generate specialised knowledge on antibiotics and antiseptics
- ♦ Prescribe specific and advanced treatments

Module 3. Dentistry in Feline Veterinary

- ♦ Establish routine guidelines for conducting an oral examination and records
- ♦ Determine preventive dentistry
- ♦ Carry out an in-depth analysis of the cat's oral pathologies
- ♦ Develop specialized knowledge on Instrumentation and general equipment
- ♦ Determine differential diagnoses
- ♦ Generate advanced knowledge on antibiotics and antiseptic prescriptions
- ♦ Examine the specific and advanced treatments currently available

Module 4. Oral Cavity Surgery in Small Animals

- ♦ Develop specialist knowledge in the field of cheek and lip surgery
- ♦ Recognize any pathology affecting the oral cavity and decide which diagnostic tests and treatment are most suitable
- ♦ Determine how to deal surgically with the most common tumours of the oral cavity
- ♦ Review the most common salivary gland surgery
- ♦ Precisely determine the surgical technique to be used for different mandibular/maxillary fractures
- ♦ Examine the temporomandibular joint and the pathologies that most frequently affect it

03

Course Management

Within the concept of total quality of the program, TECH is proud to offer you a teaching staff of the highest level, chosen for their proven experience. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.





“

Our team of teachers, with expertise in Canine and Feline Dentistry, will help you 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. Plaza del Castaño, Enrique

- ♦ Degree in Veterinary Medicine from the Cardenal Herrera-CEU University (Valencia) in 2008
- ♦ Director of the Anaesthesia and Analgesia Service at La Chopera Veterinary Hospital
- ♦ Specialist qualification in Anaesthesia and Analgesia in Small Animals (2016)
- ♦ Member of the Association of Spanish Veterinary Specialists in Small Animals (AVEPA)
- ♦ Member of the Spanish Society of Veterinary Anesthesia and Analgesia (SEAAV)
- ♦ Member of the Working Group on Anaesthesia and Analgesia (GAVA)
- ♦ Master's Degree in Management and Conservation of Wildlife and Protected Areas, University of Leon

Dr. Mena Cardona, Rafael

- ♦ Specialist in Veterinary Dentistry
- ♦ Veterinarian at Merevet Veterinary Clinic
- ♦ Degree in Veterinary Medicine from Cardenal Herrera University

Dr. Oliveira Fernández, Andrea

- ♦ Veterinarian specialized in feline medicine
- ♦ Graduada en Veterinaria por la Universidad de Zaragoza
- ♦ Rotating internship in the referral hospital of the Veterinary Hospital Valencia Sur

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

Ms. 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

Ms. De la Riva, Claudia

- ♦ Degree in Veterinary Medicine from the Alfonso X El Sabio University in Madrid, 2013
- ♦ Certified General Practitioner in Oncology (GPcertOncol) by the European School of Veterinary Postgraduate Studies (ESVPS)
- ♦ Certified in traditional Chinese veterinary medicine with a speciality in oncology by 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 program have been developed by different experts, with a clear purpose: to ensure that students acquire each and every one of the skills necessary to become true experts in this 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. Dental and oral cavity anatomy in small animals

- 1.1. Embryology and Odontogenesis. Terminology.
 - 1.1.1. Embryology
 - 1.1.2. Dental Rash
 - 1.1.3. Odontogenesis and the Periodontium
 - 1.1.4. Dental Terminology
- 1.2. The Oral Cavity. Occlusion and Malocclusion
 - 1.2.1. The Oral Cavity
 - 1.2.2. Occlusion in Dogs
 - 1.2.3. Occlusion in Cats
 - 1.2.4. Mandibular Prognathism
 - 1.2.5. Mandibular Brachycephalism
 - 1.2.6. Wry Bite
 - 1.2.7. Narrow Mandible
 - 1.2.8. Anterior Crossbite
 - 1.2.9. Malocclusion of the Canine Tooth
 - 1.2.10. Premolar and Molar Malocclusion
 - 1.2.11. Malocclusion Associated with Persistence of Primary Teeth
- 1.3. Dental Anatomy in the Dog
 - 1.3.1. Dental Formula
 - 1.3.2. Types of Teeth
 - 1.3.3. Dental Composition
 - 1.3.3.1. Enamel, Dentine, Pulp
 - 1.3.4. Terminology
- 1.4. Periodontal Anatomy in the Dog
 - 1.4.1. Gum
 - 1.4.2. Periodontal Ligament
 - 1.4.3. Cementum
 - 1.4.4. Alveolar Bone
- 1.5. Dental Anatomy in Cats
 - 1.5.1. Dental Formula
 - 1.5.2. Types of Teeth
 - 1.5.3. Dental Composition
 - 1.5.4. Terminology





- 1.6. Periodontal Anatomy in Cats
 - 1.6.1. Gum
 - 1.6.2. Periodontal Ligament
 - 1.6.3. Cementum
 - 1.6.4. Alveolar Bone
- 1.7. Bone and Joint Anatomy
 - 1.7.1. Cranium
 - 1.7.2. Facial Region
 - 1.7.3. Maxillary Region
 - 1.7.4. Mandibular Region
 - 1.7.5. Temporomandibular Joint
- 1.8. Muscular Anatomy
 - 1.8.1. Masseter Muscle
 - 1.8.2. Temporal Muscle
 - 1.8.3. Pterygoid Muscle
 - 1.8.4. Digastric Muscle
 - 1.8.5. Muscles of the Tongue
 - 1.8.6. Muscles of the Soft Palate
 - 1.8.7. Muscles of Facial Expression
 - 1.8.8. Head Fascia
- 1.9. Neuromuscular Anatomy
 - 1.9.1. Motor Nerves
 - 1.9.2. Sensitive Nerves
 - 1.9.3. Brachiocephalic Trunk
 - 1.9.4. Common Carotid Artery
 - 1.9.5. External Carotid Artery
 - 1.9.6. Internal Carotid Artery
- 1.10. Anatomy of the Tongue, Palate, Lymphonodes and Glands
 - 1.10.1. Hard Palate
 - 1.10.2. Soft Palate
 - 1.10.3. Canine Tongue
 - 1.10.4. Feline Tongue
 - 1.10.5. Lymphonodes and Tonsils
 - 1.10.6. Salivary Glands

Module 2. Dentistry in Canine Veterinary

- 2.1. Veterinary Dentistry
 - 2.1.1. History of Veterinary Dentistry
 - 2.1.2. Basis and Fundamentals of Veterinary Dentistry
- 2.2. Equipment and Materials in Veterinary Dentistry
 - 2.2.1. Equipment
 - 2.2.1.1. Basic Equipment
 - 2.2.1.2. Specific Equipment
 - 2.2.2. Materials
 - 2.2.2.1. Basic Instruments
 - 2.2.2.2. Specific Instruments
 - 2.2.2.3. Fungibles
 - 2.2.2.4. Methods of Oral Impression Preparation
- 2.3. Oral Examination
 - 2.3.1. Medical History
 - 2.3.2. Oral Examination with the Patient Awake
 - 2.3.3. Oral Examination with Sedated or Anaesthetised Patient
 - 2.3.4. Records
- 2.4. Pediatric Dentistry
 - 2.4.1. Introduction
 - 2.4.2. Development of the Deciduous Dentition
 - 2.4.3. Change of Dentition
 - 2.4.4. Deciduous Persistence
 - 2.4.5. Supernumerary Teeth
 - 2.4.6. Agenesis
 - 2.4.7. Dental Fractures
 - 2.4.8. Malocclusions
- 2.5. Periodontal Disease
 - 2.5.1. Gingivitis
 - 2.5.2. Periodontitis
 - 2.5.3. Pathophysiology of Periodontal Disease
 - 2.5.4. Periodontal Profilaxia
 - 2.5.5. Periodontal Therapy
 - 2.5.6. Postoperative Care
- 2.6. Oral Pathologies
 - 2.6.1. Enamel Hypoplasia
 - 2.6.2. Halitosis
 - 2.6.3. Tooth Wear
 - 2.6.4. Dental Fractures
 - 2.6.5. Oronasal Fistulas
 - 2.6.6. Infraorbital Fistulas
 - 2.6.7. Temporomandibular Joint
 - 2.6.8. Cranio-Mandibular Osteopathy
- 2.7. Dental Extraction
 - 2.7.1. Anatomical Concepts
 - 2.7.2. Indications
 - 2.7.3. Surgical Technique
 - 2.7.4. Flaps
 - 2.7.5. Post-Operative Treatment
- 2.8. Endodontics and Orthodontics
- 2.9. Dental Radiology
- 2.10. Maxillofacial Fractures
 - 2.10.1. Emergencies
 - 2.10.2. Stabilisation of the Patient
 - 2.10.3. Clinical Examination
 - 2.10.4. Treatment
 - 2.10.4.1. Conservational Treatment
 - 2.10.4.2. Surgical Management
 - 2.10.5. Therapeutics and Postoperative Care
 - 2.10.6. Complications

Module 3. Dentistry in Feline Veterinary

- 3.1. General Basis of Feline Dentistry
 - 3.1.1. Introduction
 - 3.1.2. Dental Equipment
 - 3.1.2.1. Basic Equipment
 - 3.1.2.2. Specific Equipment
- 3.2. Materials and Instrumentation for Felines
 - 3.2.1. Basic Instruments
 - 3.2.2. Specific Instruments
 - 3.2.3. Fungibles
 - 3.2.4. Methods of Oral Impression Preparation
- 3.3. Oral Examination and Assessment of the Cat
 - 3.3.1. Medical History
 - 3.3.2. Oral Examination with the Patient Awake
 - 3.3.3. Oral Examination with Sedated or Anaesthetised Patient
 - 3.3.4. Registration and Odontogram
- 3.4. Periodontal Disease
 - 3.4.1. Gingivitis
 - 3.4.2. Periodontitis
 - 3.4.3. Pathophysiology of Periodontal Disease
 - 3.4.4. Gingival and Alveolar Bone Retraction
 - 3.4.5. Periodontal Profilaxia
 - 3.4.6. Periodontal Therapy
 - 3.4.7. Postoperative Care
- 3.5. Feline Oral Pathology
 - 3.5.1. Halitosis
 - 3.5.2. Dental Traumatism
 - 3.5.3. Cleft Palate
 - 3.5.4. Dental Fractures
 - 3.5.5. Oronasal Fistulas
 - 3.5.6. Temporomandibular Joint
- 3.6. Feline Gingivostomatitis
 - 3.6.1. Introduction
 - 3.6.2. Clinical Signs
 - 3.6.3. Diagnosis
 - 3.6.4. Complementary Tests
 - 3.6.5. Medical Treatment
 - 3.6.6. Surgical Management
- 3.7. Feline Dental Resorption
 - 3.7.1. Introduction
 - 3.7.2. Pathogenesis and Clinical Signs
 - 3.7.3. Diagnosis
 - 3.7.4. Complementary Tests
 - 3.7.5. Treatment
 - 3.7.6. Treatment
- 3.8. Dental Extraction
 - 3.8.1. Anatomical Concepts
 - 3.8.2. Indications
 - 3.8.3. Anatomical Particularities
 - 3.8.3. Surgical Technique
 - 3.8.5. Odontosection
 - 3.8.4. Flaps
 - 3.8.5. Post-Operative Treatment
- 3.9. Endodontics
 - 3.9.1. Basis of Endodontics
 - 3.9.2. Specific Materials
 - 3.9.3. Indications
 - 3.9.4. Diagnosis
 - 3.9.5. Surgical Technique
 - 3.9.6. Postoperative Care
 - 3.9.7. Complications

- 3.10. Maxillofacial Fractures
 - 3.10.1. Emergencies
 - 3.10.2. Stabilisation of the Patient
 - 3.10.3. Clinical Examination
 - 3.10.4. Treatment
 - 3.10.5. Therapeutics and Postoperative Care
 - 3.10.6. Complications

Module 4. Oral Cavity Surgery in Small Animals

- 4.1. Surgical Pathology and Surgery of the Cheeks and Lips
 - 4.1.1. Chewing Injuries
 - 4.1.2. Lacerations
 - 4.1.3. Lip Avulsion
 - 4.1.4. Necrosis
 - 4.1.5. Cheilitis and Dermatitis
 - 4.1.6. Inappropriate Salivation
 - 4.1.7. Tight Lip
 - 4.1.8. Cleft Lip
- 4.2. Surgical Pathology and Tongue Surgery
 - 4.2.1. Congenital Disorders
 - 4.2.2. Infectious Disorders
 - 4.2.3. Trauma
 - 4.2.4. Miscellaneous
 - 4.2.5. Neoplasms and Hyperplastic Lesions
- 4.3. Oropharyngeal Disorders
 - 4.3.1. Dysphagia
 - 4.3.2. Penetrating Wounds to the Pharynx
- 4.4. Surgical Pathology of the Tonsils
 - 4.4.1. Tonsil Inflammation
 - 4.4.2. Tonsil Neoplasia
- 4.5. Surgical Pathology of the Palate
 - 4.5.1. Congenital Defects of the Palate
 - 4.5.1.1. Cleft Lip
 - 4.5.1.2. Cleft Palate
 - 4.5.2. Acquired Defects of the Palate
 - 4.5.2.1. Oro-Nasal Fistula
 - 4.5.2.2. Trauma
- 4.6. Surgical Pathology of the Salivary Glands in the Dog
 - 4.6.1. Surgical Diseases of the Salivary Glands
 - 4.6.1.1. Sialocele
 - 4.6.1.2. Sialoliths
 - 4.6.1.3. Salivary Gland Neoplasia
 - 4.6.2. Surgical Technique
- 4.7. Oncological Surgery of the Oral Cavity in Dogs and Cats
 - 4.7.1. Sample Collection
 - 4.7.2. Benign Neoplasms
 - 4.7.3. Malignant Neoplasms
 - 4.7.4. Surgical Management
- 4.8. Surgical Pathology of the TMJ. Surgical Pathology of the TMJ
 - 4.8.1. Temporomandibular Joint Dysplasia
 - 4.8.2. Fractures and Dislocations
- 4.9. Introduction to Jaw Fractures
 - 4.9.1. Principles of Fracture Repair
 - 4.9.2. Biomechanics of Jaw Fractures
 - 4.9.3. Techniques in the Treatment of Fractures
- 4.10. Mandibular Fractures in the Dog and Cat
 - 4.10.1. Fractures of the Jaw
 - 4.10.2. Fractures of the Maxillofacial Region
 - 4.10.3. Common Problems in Fracture Repair
 - 4.10.4. Most Frequent Post-Surgical Complications



“

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.





“

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 Canine and Feline Dentistry, 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 degree
without travel or laborious paperwork”*

This **Postgraduate Diploma in Canine and Feline Dentistry** 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 certificate 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 Canine and Feline Dentistry**

Official N° of hours: **600 h.**



*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

virtual classroom

tech technological
university

Postgraduate Diploma
Canine and Feline
Dentistry

Course Modality: Online

Duration: 6 months

Certificate: TECH Technological University

Official N° of hours: 600 h.

Postgraduate Diploma Canine and Feline Dentistry

