Postgraduate Diploma
General Anesthesia for Large Animals

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Postgraduate Diploma
General Anesthesia for Large Animals

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

Website: www.techtitute.com/in/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-general-anesthesia-large-animals

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01

Introduction

The knowledge acquired on this program provides the student with broad, practical and up-to-date specialization in a discipline that is increasingly in demand. Demand for specialization in the veterinary sector of General Anesthesia for Large Animals is increasing, both from hospital centers and animal owners.

This program is the first of its kind, allowing the acquisition of specialized knowledge to be able to offer high-quality and safe anesthesia to clients and patients.

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

Become a professional in one of the most in-demand fields of the moment: specialize in General Anesthesia for Large Animals with this comprehensive online Postgraduate Diploma"

In the last 20 years, Veterinary Anesthesia for Large Animals has experienced significant advances thanks to the introduction of new techniques and drugs, as well as the development of monitors and specialized anesthetic machines.

The introduction of novel surgical techniques has resulted in the need to develop new anesthetic protocols. There is a growing concern about the impact of anesthesia and analgesia on animal welfare and the final outcome of surgical procedures.

The Postgraduate Diploma in General Anesthesia for Large Animals is designed in response to the need for clinical veterinarians with greater expertise of the protocols and techniques relevant to this area.

The teaching team for this Postgraduate Diploma is made up of professionals specialized in Anesthesia for Large Animals, with extensive experience in teaching, both in undergraduate and graduate programs, most of them being university professors and graduates. These professors are active anesthesiologists in leading veterinary centers and directors or participants in various research projects, hence in addition to teaching and clinical work they also carry out research activities.

The topics covered in the Postgraduate Diploma in General Anesthesia for Large Animals have been selected with the aim of offering a complete course in anesthesia, so that the student develops specialized knowledge to safely address any situation requiring general or locoregional anesthesia and analgesia in ruminants, swine, camelids and equids.

At present, one of the main problems affecting continuing postgraduate specialization is its compatibility with work and personal life. Current professional demands make it difficult to achieve quality, specialized education in person, so the online format will allow students to combine this specialized training with their daily professional practice, without losing their connection to training and specialization.

This **Postgraduate Diploma in General Anesthesia for Large 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
- Intensely visual teaching system, supported by graphic and schematic contents, easy to assimilate and understand
- Case studies 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 work for individual reflection
- Content that is accessible from any fixed or portable device with an Internet connection
- Supplementary documentation databases which are permanently available, even after the program

Get a complete and practical qualification in General Anesthesia for Large Animals with this highly effective Postgraduate Diploma and open up new routes to professional progress”

A Postgraduate Diploma that will enable you to work in all fields of veterinary anesthesiology with the competence of a high-level professional"

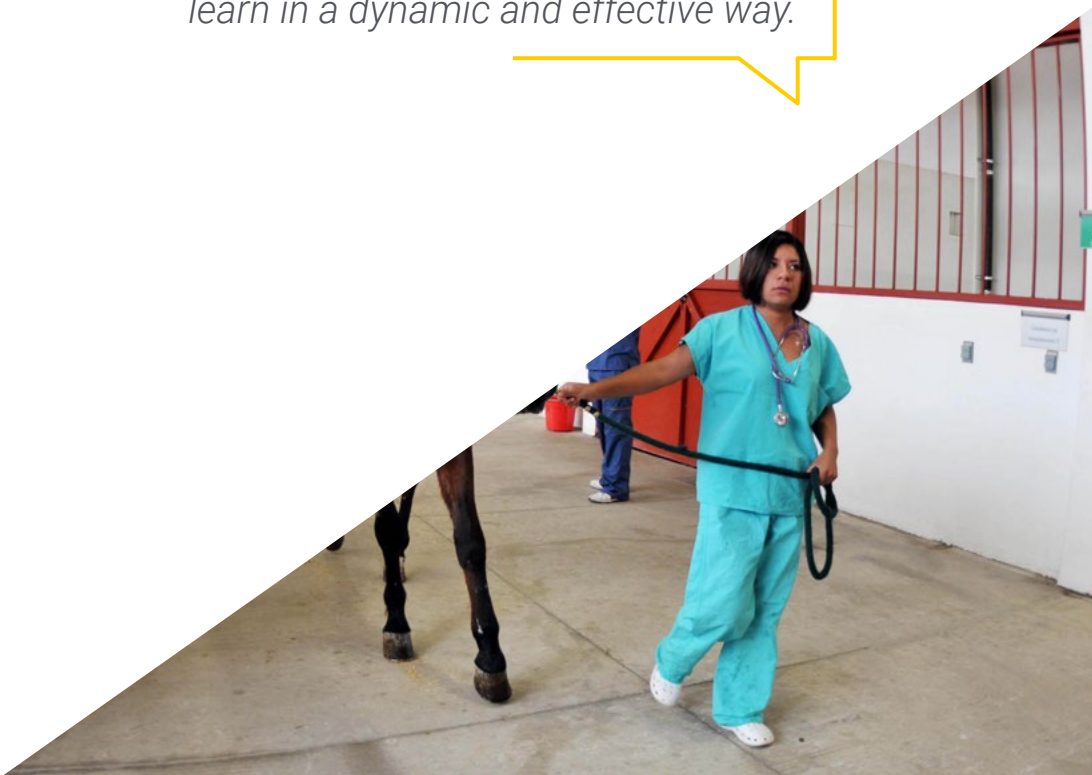
The teaching team is made up of professionals from different fields within this specialism. In this way, TECH ensures the delivery of educational results in line with its objectives. A multidisciplinary team of professionals, trained and experienced in different environments, who will develop the theoretical 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 training.

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Diploma in General Anesthesia in Large Animals. Developed by a multidisciplinary team of e-Learning experts, it integrates the latest advances in educational technology. In 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 studies.

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 learning: with the help of an innovative interactive video system, and learning from an expert, you will be the studies will be able acquire the knowledge as if you were actually dealing with the facing you are learning about. A concept that will allow students to integrate and memorize what they have learnt in a more realistic and permanent way.

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

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



02

Objectives

The objective of this Postgraduate Diploma is to train highly qualified professionals. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. The aim is focused on helping professionals reach a much greater level of expertise and control. A goal that can be achieved in just a few months with a high intensity and precision program.

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

General Objectives

- Examine the requirements of a pre-anesthetic evaluation and develop expertise in interpreting anesthetic risk
- Establish the pre-anesthetic preparation required for large animals
- Analyze the pharmacological properties of injectable drugs
- Determine available sedative and tranquilizing drugs
- Deepen your knowledge of the available protocols for deep sedation
- Gain advanced knowledge of pharmacology and clinical maneuvers in the induction and intubation period in small and large ruminants, swine and camelids
- Provide safe options for current and new combinations of these agents to perform effective and safe induction of general anesthesia in the equine patient
- Detail the procedures for endotracheal intubation in the equine patient
- Examine the main physiological, anatomical and clinical needs related to the different types of decubitus and limb positioning of the equine patient
- Determine the components and operation of anesthetic machines, respiratory systems, oxygen delivery systems and artificial ventilation
- Generate specialized knowledge of the pharmacology of halogenated inhalation anesthetics, injectable anesthetics, sedative adjuvants, as well as the most recent TIVA and PIVA techniques described for ruminants, swine and camelids, and for equine species
- Develop advanced knowledge on mechanical ventilation to recognize the need for mechanical ventilation and the most effective and safe settings for ruminants, swine and camelids, as well as for equine species
- Determine the pharmacology and clinical application of neuromuscular blocking agents
- Build specialist knowledge on the anesthetic recovery phase in ruminants, swine, camelids and equine species
- Determine the vital importance of the correct use of the anesthetic records during general anesthesia
- Examine and deepen knowledge related to the vital signs that should be monitored during general anesthesia or sedation of the equine patient
- Establish the technical features of the main monitoring equipment used in the equine patient
- Build knowledge of the main special monitoring requirements in ruminants, swine and camelids

Specific Objectives

Module 1. Evaluation, Preanesthetic Preparation and Sedation in Large Animals

- Determine the physical examination and common findings in the equine pre-anesthetic evaluation
- Consolidate the basics of pre-anesthetic laboratory evaluation
- Analyze, identify and interpret the patient's anesthetic risk
- Establish the necessary actions in the preparation of the patient for anesthesia
- Detail the special pharmacological considerations for the main sedative drugs in ruminants, swine and camelids
- Know the pharmacological properties and clinical implications of sedative and tranquilizing drugs
- Establish the most common standing procedures and protocols in the equine patient

Module 2. Induction of General Anesthesia for Large Animals

- Build specialist knowledge on the pharmacology of dissociative agents and barbiturates given the side effects and the main contraindications for their administration
- Examine the pharmacology of propofol, alfaxalone and etomidate, given the side effects and major contraindications for their administration
- Develop advanced knowledge of the pharmacology of muscle relaxants such as benzodiazepines and guaifenesin
- Examine the anatomical, physiological and pharmacological considerations necessary to perform effective and safe induction of general anesthesia and endotracheal intubation in small and large ruminates, swine and camelids
- Determine the physiological and anatomical considerations necessary to perform an effective and safe take-down for patients and staff in the equine population

Module 3. General Anesthesia and Equipment in Large Animals

- Analyze the most frequent problems in the anesthetic machine and circular circuit, in order to identify and solve them
- Know and understand the operation of oxygen delivery systems and artificial ventilation during the general anesthesia of large animals
- Know the pharmacology of halogenated inhalation anesthetics and their adverse effects in large animals
- Explore injectable sedative and hypnotic agents that can be used as adjuvants or as general anesthetics, as well as the latest techniques prescribed for PIVA and TIVA in equines
- Detail the techniques of general anesthesia, both by inhalation and injectable, prescribed in large and small ruminants, swine and camelids
- Recognize the need for mechanical ventilation during anesthesia, know the positive and negative consequences of mechanical ventilation, as well as understanding the appropriate ventilatory parameters for its safe application
- Broaden your knowledge of specific special features of mechanical ventilation in large and small ruminants, swine and camelids
- Broaden your knowledge of the relevant anesthetic recovery considerations in large and small ruminants, swine and camelids

Module 4. Monitoring in Large Animals

- Detail the correct and regular use of the anesthetic record during general anesthesia
- Determine the importance and the most characteristic clinical signs of anesthetic depth monitoring in the equine patient
- Analyze the importance and main technical considerations relating to the monitoring of cardiovascular and hemodynamic rates
- Detail the leading role of arterial blood gases in the clinical monitoring of the equine patient during general anesthesia
- Detail the special monitoring considerations for other types of vital parameters, such as glucose, lactate, temperature or the degree of neuromuscular blockade
- Examine the main special anesthetic monitoring considerations in other species such as ruminants, swine and camelids

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

03

Course Management

In line with the program's concept of total quality, a highly qualified teaching staff, chosen for their proven experience, is the student's disposal. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.

We have the best teaching team, with years of experience, who are determined to transmit all their knowledge about this sector"

Management

Dr. Villalba Orero, María

- Scientific Advisor on cardiovascular and pulmonary ultrasound at the National Center for Cardiovascular Research
- Doctor of Veterinary Medicine, Complutense University Madrid
- Degree in Veterinary Medicine from Complutense University Madrid
- Master's Degree in Veterinary Sciences from the Complutense University Madrid
- Master's Degree in Veterinary Cardiology
- European Certificate in Veterinary Cardiology (ESVPS)
- Scientific publications in the area of equine cardiology and anesthesia, as well as in the area of cardiovascular diseases in humans

Professors

Dr. Troya Portillo, Lucas

- Internal Medical and Anesthesia Service, Equine Unit, Clínic Veterinari Hospital
- Degree in Veterinary Medicine from Complutense University Madrid
- Postgraduate Diploma in Equine Clinic in the Autonomous University of Barcelona
- Master's Degree in Clinic at Complutense University Madrid
- Associate Professor, Department of Animal Medicine and Surgery, Autonomous University of Barcelona, teaching equine internal medicine
- Professor at the Institute for Applied Studies (IDEA-Madrid)
- Associate Professor, Department of Animal Medicine and Surgery, Autonomous University of Barcelona
- Training placements in various national and European centers
- Member of the Spanish Association of Equine Veterinarians (AVEE)

Dr. Salazar Nussio, Verónica

- Doctor of Medicine from the Complutense University Madrid
- Degree in Veterinary Medicine from Complutense University Madrid
- Certified by the American College of Veterinary Anesthesia and Analgesia
- Certificate recognized by the European College of Veterinary Anesthesia and Analgesia
- Her professional career has been mainly academic as a lecturer in Anesthesia and Veterinary Analgesia in several Universities and Reference Centers in several countries such as the United States, Spain and the United Kingdom
- In 2019 she becomes a RECOVER Certified Instructor in Basic and Advanced Life Support, a title awarded by the American College of Emergency and Critical Care. Since that same year, she has also been a RECOVER certified Rescuer in Basic and Advanced Life Support

Dr. Peña Cadahía, Celia

- Clinical veterinarian at Eurocan Veterinary Centre
- Horse Anethesia, Virgen de las Nieve Clinical Veterinary Hospital
- Graduated in Veterinary Medicine from the Complutense University Madrid Teaching Experience
- Collaborating Professor of Medicine and Surgery in the large animal area of the Complutense University Madrid Teaching Experience
- Emergency Anesthesia in the Area of Large Animals, Clinical Veterinary Hospital at the Complutense University Madrid

Dr. Villalba, Marta

- Collaboration as an ambassador of the Complutense Clinical Vetinary Hospital (HCVC)
- Degree in Veterinary Medicine, Complutense University Madrid
- Delivery of Training Days at the Complutense Equine Clinic: equine ophthalmology, diagnostic imaging of the cervical spine and locoregional anesthesia and standing procedures in horses

Dr. Valero, Marta

- Veterinarian in the Department of Medicine and Large Animal Surgery at the University Clinical Hospital of the University of Extremadura
- Graduate in Veterinary Medicine from the University of Murcia
- Master's Degree in Medicine and Large Animal Surgery from the University of Extremadura
- Collaborator in practical teaching on the Large Animal Clinic course at the University of Extremadura

Dr. Jiménez, Alberto

- Veterinary Intern at the Large Animal Department of the Veterinary Clinic Hospital of the University of Extremadura
- Degree in Veterinary Medicine, Complutense University Madrid
- Instruction and supervision of students belonging to the Department of Large Animal Surgery and students of the Clinical Rotation of the Faculty of Veterinary Medicine of the University of Extremadura

Dr. Ruiz García, Gemma

- Internal veterinarian of the Equine Service of the HCVC
- Degree in Veterinary Medicine, Complutense University Madrid
- Director of Radiodiagnostic Facilities
- Collaborating student of the Equine Medicine and Surgery Service of the HCVC

An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during your training: a unique opportunity not to be missed"

04

Structure and Content

The contents of this Postgraduate Diploma have been developed by different experts involved in the program, 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 will take you to the highest standards of quality and success.

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

Module 1. Evaluation, Preanesthetic Preparation and Sedation in Large Animals

1.1. Physical Examination and Blood Analysis
1.2. Anesthetic Risk and Preanesthetic Preparation in the Equine Patient
1.3. Pharmacology of Injectable Drugs in Horses
  1.3.1. Important Pharmacokinetic Concepts
  1.3.2. Important Pharmacodynamic Concepts
  1.3.3. Physiological and Pathological Factors that Modify Pharmacological Properties
  1.3.4. Pharmacological Interactions
  1.3.5. Routes of Administration
1.4. Phenothiazines
  1.4.1. Action Mechanism
  1.4.2. Pharmacology
  1.4.3. Clinical Use and Antagonism
  1.4.4. Complications and Adverse Effects
1.5. Benzodiazepines
  1.5.1. Action Mechanism
  1.5.2. Pharmacology
  1.5.3. Clinical Use and Antagonism
  1.5.4. Complications and Adverse Effects

1.6. Adrenergic Alpha-2 Receptor Agonists
  1.6.1. Action Mechanism
  1.6.2. Pharmacology
  1.6.3. Clinical Use and Antagonism
  1.6.4. Complications and Adverse Effects
1.7. Opioids
  1.7.1. Action Mechanism
  1.7.2. Pharmacology
  1.7.3. Clinical Use and Antagonism
  1.7.4. Complications and Adverse Effects
1.8. Sedation for In-Station Procedures
  1.8.1. Types of Procedures
  1.8.2. Clinical Objectives
  1.8.3. Administration Methods
  1.8.4. Prescribed Combinations
1.9. Evaluation and Anesthetic Preparation in Ruminants, Swine and Camelids
1.10. Special Pharmacological Considerations for Ruminant, Swine and Camelid Patients
  1.10.1. Small Ruminants
  1.10.2. Large Ruminants
  1.10.3. Swine
  1.10.4. Camelids

Module 2. Induction of General Anesthesia in Large Animals

2.1. Dissociative Anesthetics (Ketamine)
- 2.1.1. Pharmacology
- 2.1.2. Side Effects
- 2.1.3. Contraindications
- 2.1.4. Dosage and Protocol

2.2. Barbiturates (Thiopental)
- 2.2.1. Pharmacology
- 2.2.2. Side Effects
- 2.2.3. Contraindications
- 2.2.4. Dosage and Protocol

2.3. Propofol, Alfaxalone, Etomidate
- 2.3.1. Pharmacology
- 2.3.2. Side Effects
- 2.3.3. Contraindications
- 2.3.4. Dosage and Protocol

2.4. Benzodiazepines and Guaifenesin
- 2.4.1. Pharmacology
- 2.4.2. Side Effects
- 2.4.3. Contraindications
- 2.4.4. Dosage and Protocol

2.5. Main Takedown Techniques in the Equine Patient

2.6. Endotracheal Intubation, Nasotracheal Intubation and Tracheostomy in the Equine Patient

2.7. Physiological Consequences of Different Decubitus, Padding and Limb Positioning in the Equine Patient

2.8. Special Considerations in the Induction Period for Large and Small Ruminants
- 2.8.1. Pharmacology Inducing Agents
- 2.8.2. Takedown Techniques
- 2.8.3. Intubation Techniques

2.9. Special Considerations in the Induction Period for Swine and Camelids
- 2.9.1. Pharmacology Inducing Agents
- 2.9.2. Takedown Techniques
- 2.9.3. Intubation Techniques

2.10. Positioning of the Ruminant, Swine and Camelid Patient after Induction

Module 3. General Anesthesia and Equipment in Large Animals

3.1. Anesthetic Equipment (I)
- 3.1.1. Anesthetic Machine
- 3.1.2. Circular Circuit

3.2. Anesthetic Equipment (II)
- 3.2.1. Mechanical Ventilators
- 3.2.2. Demand Valve

3.3. General Information on Inhalation Anesthesia
- 3.3.1. Pharmacokinetics of Inhalation Agents (Absorption, Distribution, Metabolism, Elimination, Physical and Chemical Characteristics)
- 3.3.2. Pharmacodynamics of Inhalation Agents (CNS Effects, Cardiovascular and Respiratory Effects, Other Effects)
- 3.3.3. Inhalation Agents
  - 3.3.3.1. Isoflurane
  - 3.3.3.2. Sevoflurane

3.4. Partial and Total Intravenous Anesthesia (PIVA and TIVA)
- 3.4.1. Injectable Agents Used and Techniques

3.5. Neuromuscular Blockers
- 3.5.1. Action Mechanism
- 3.5.2. Pharmacokinetics and Pharmacodynamics
- 3.5.3. Monitoring
- 3.5.4. Pharmacology of Reversing Agents

3.6. General Anesthesia in Other Species (Small and Large Ruminants, Swine and Camelids)

3.7. Mechanical Ventilation
- 3.7.1. Respiratory Mechanism
- 3.7.2. Consequences of VM
- 3.7.3. Ventilatory Parameters

3.8. Mechanical Ventilation in Other Species (Small and Large Ruminants, Swine and Camelids)

3.9. Anesthetic Recovery
- 3.9.1. Recovery Techniques
- 3.9.2. Patient Preparation
- 3.9.3. Box Preparation

3.10. Anesthetic Recovery (Small and Large Ruminants, Swine and Camelids)

Module 4. Monitoring in Large Animals

4.1. The Anesthetic Record
4.2. Anesthetic Depth Monitoring
4.3. Monitoring of CV and Hemodynamic Status. (I)
  4.3.1. Clinical Monitoring
  4.3.2. Electrocardiogram
4.4. Monitoring of CV and Hemodynamic Status. (II)
  4.4.1. Indirect Arterial Pressure
    4.4.1.1. Oscillometry
    4.4.1.2. *Doppler*
  4.4.2. Direct Blood Pressure
4.5. Monitoring of in Oxygenation Status. (I)
  4.5.1. Clinical Monitoring
  4.5.2. Arterial Blood Gas (PaO2)
4.6. Monitoring of Oxygenation Status (II)
  4.6.1. Pulse Oximetry
4.7. Monitoring of Ventilation Status (I)
  4.7.1. Clinical Monitoring
  4.7.2. Arterial Blood Gas (PaCO2)
4.8. Monitoring of Ventilation Status (II)
  4.8.1. Capnography
4.9. Other Types of Monitoring
  4.9.1. Temperature
  4.9.2. Glucose
  4.9.3. Lactate
  4.9.4. Ions
  4.9.5. Neurostimulation
  4.9.6. Others
4.10. Monitoring in Other Species (Small and Large Ruminants, Swine and Camelids)
  4.10.1. Monitoring Considerations for Small Ruminants
  4.10.2. Monitoring Considerations for Large Ruminants
  4.10.3. Monitoring Considerations for Swine
  4.10.4. Monitoring Considerations for Camelids

This program will allow you to advance in your career comfortably"

05

Methodology

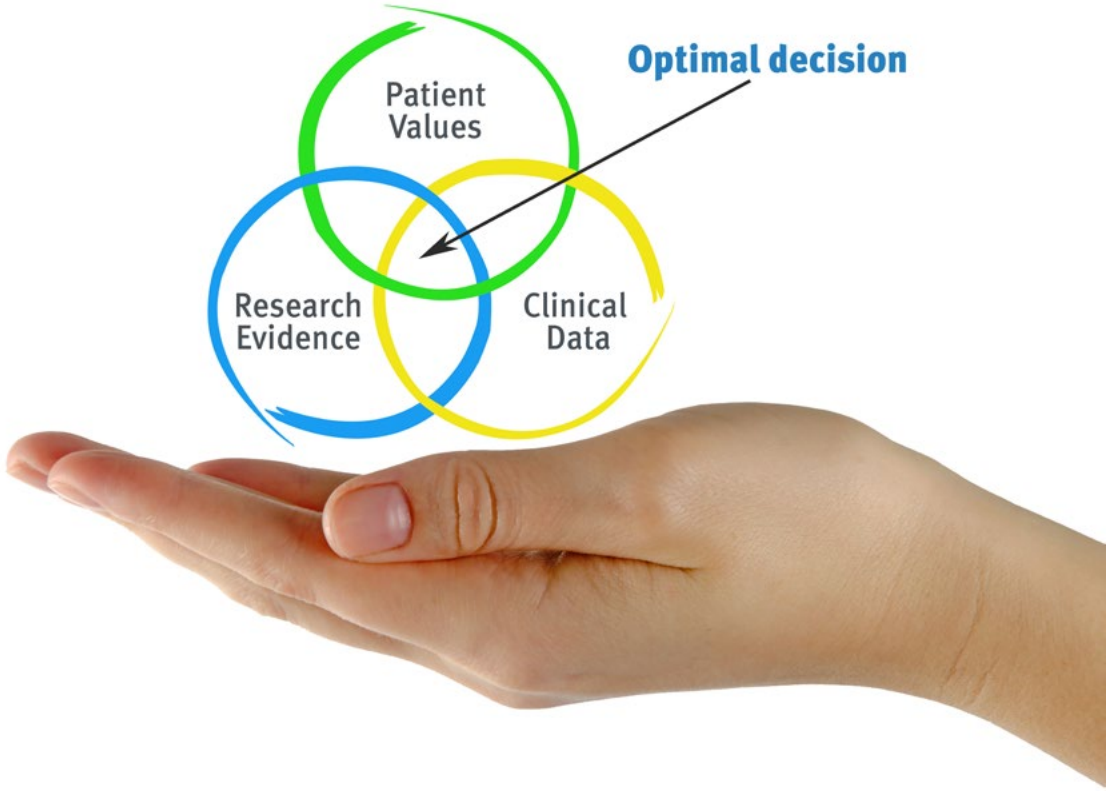
This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** 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:

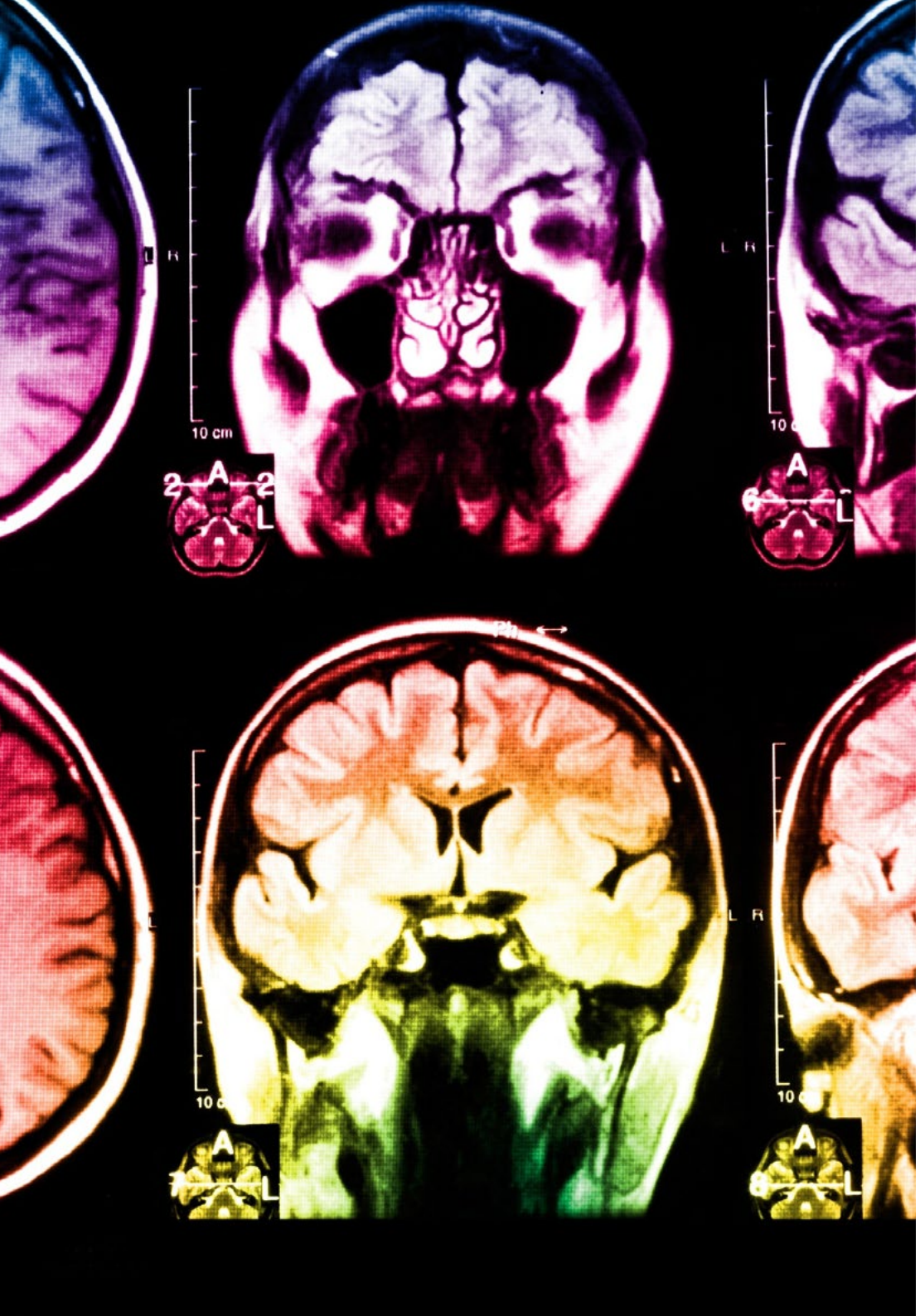
1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real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

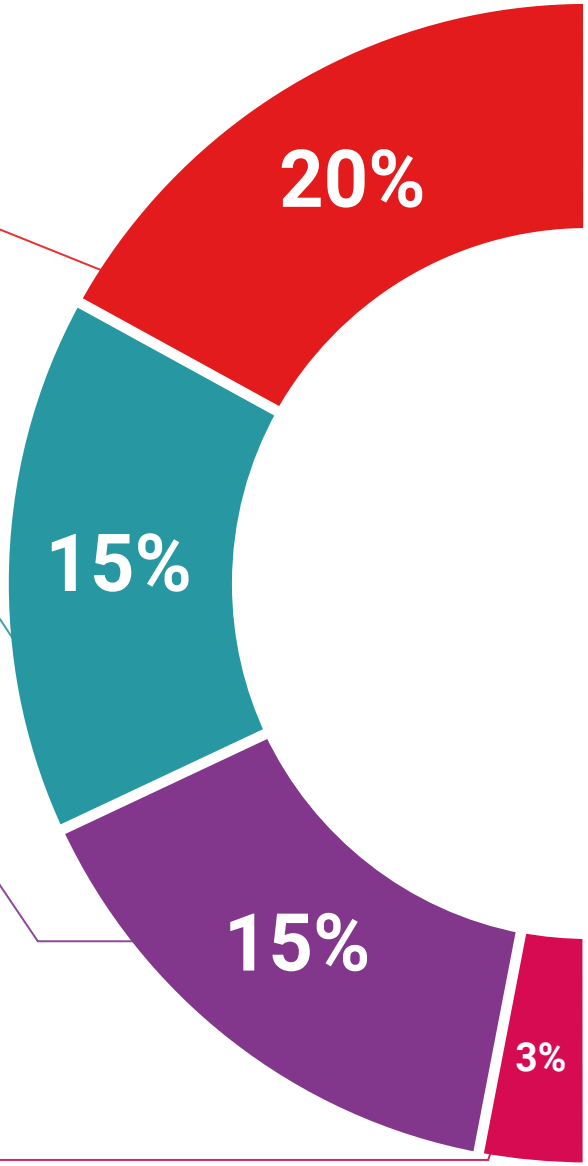
Interactive Summaries

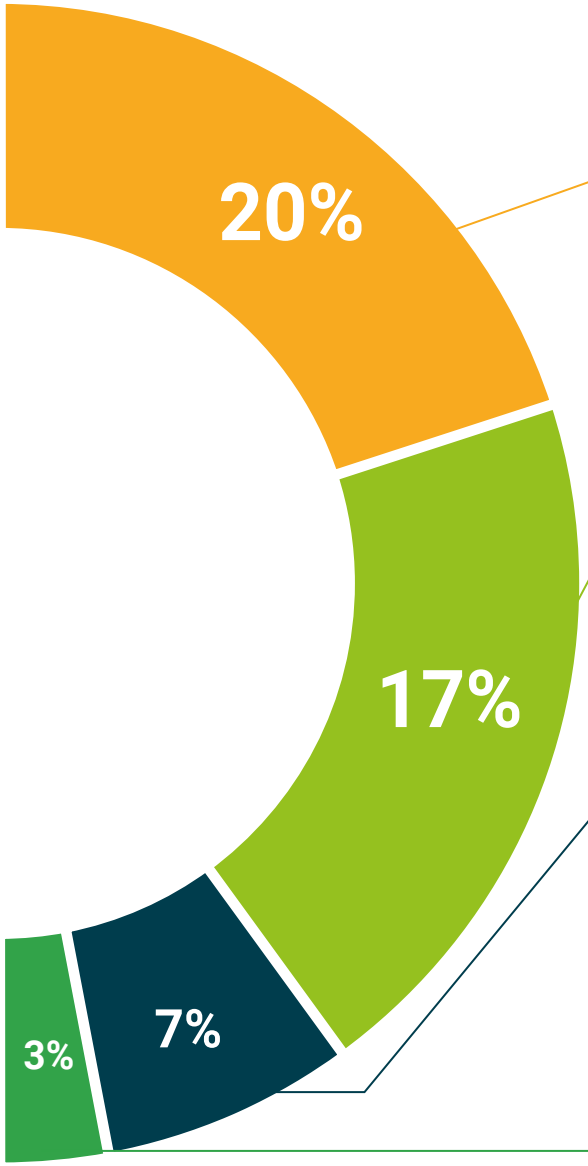
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 General Anesthesia for Large Animals guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Postgraduate Diploma in General Anesthesia for Large Animals** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The 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 General Anesthesia for Large Animals**
Official Nº of Hours: **600 h.**


tech technological university

Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE DIPLOMA

in

General Anesthesia for Large Animals

This is a qualification awarded by this University, equivalent to 600 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

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 certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

tech technological university

Postgraduate Diploma
General Anesthesia for Large Animals

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

Postgraduate Diploma
General Anesthesia for Large Animals

tech technological university