

Postgraduate Diploma

Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles





Postgraduate Diploma Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles

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

Website: www.techtute.com/pk/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-medical-surgical-treatments-lagomorphs-rodents-birds-reptiles

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01

Introduction

Veterinarians need to be highly specialized and qualified to treat their patients with the latest innovations, achieving successful therapies and interventions. In this case, we offer you the opportunity to increase your knowledge in medical and surgical treatment of lagomorphs, rodents, birds and reptiles, a field less known than that of traditional pets, but in constant growth.





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Veterinarians specializing in exotic animals are increasingly in demand. Don't think twice and improve your skills in this area"

The **Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles** is a high quality training program that focuses on the study of the main pathologies, diagnostic techniques and treatments in this type of animals to provide high level training to veterinarians who want to specialize in this field.

This training will specialize you in the pathologies that can affect this type of animals, with a complete educational program and with the maximum scientific rigor, which will help you to practice in this field of veterinary medicine. A scenario that could be considered unusual, since it does not deal with traditional companion animals, but has a wide field of work, including tasks performed in zoos, animal rehabilitation centers or rescue centers, among other places. In addition, there is an increase in the demand for specialists in veterinary clinics, due to the increase of unconventional animals that have come into families as pets.

This Postgraduate Diploma provides students with specific tools and skills to successfully develop their professional activity in the wide field of exotic animals. It addresses key competencies such as knowledge of the reality and daily practice of the veterinary professional, and develops responsibility in the monitoring and supervision of their work, as well as communication skills within the essential teamwork.

Being an online diploma, the student is not constrained by fixed schedules or the need to move to another physical location, but can access the contents at any time of the day, balancing their work or personal life with their academic life as they wish.

Don't hesitate any longer and join the world's leading private Spanish-speaking online university, where we offer you the best training program accompanied by the best teaching methodology in the educational panorama, which will help you acquire the necessary knowledge in an agile and simple way.

The **Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles** contains the scientific most complete and up-to-date educational program on the market. The most important features of the program include:

- ◆ Developing practical cases presented by experts in exotic animal medicine and surgery.
- ◆ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- ◆ News on medical and surgical treatment of lagomorphs, rodents, birds and reptiles.
- ◆ Practical exercises where the self-assessment process can be carried out to improve learning.
- ◆ A special emphasis on innovative methodologies in the field of medical and surgical treatment of lagomorphs, rodents, birds and reptiles.
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments.
- ◆ Content that is accessible from any fixed or portable device with an Internet connection.



Train with us and learn how to perform medical and surgical treatments on lagomorphs, rodents, birds and reptiles. You will quickly notice how you are advancing in your profession"

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Do not miss the opportunity to do with us this Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles. It's the perfect opportunity to advance your career"

It includes in its teaching staff, professionals belonging to the veterinary field, who pour into this training the experience of their work, in addition to recognized specialists from reference societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive training programmed to train in real situations.

This program is designed around Problem Based Learning, whereby the specialist must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts in medical and surgical treatment of lagomorphs, wildlife and reptiles.

This Postgraduate Diploma is the best investment you can make in selecting a refresher program to update your knowledge in Medical and Surgical Treatments of Lagomorphs, Wildlife and Reptiles.

This training comes with the best didactic material, providing you with a contextual approach that will facilitate your learning.



02 Objectives

The Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles is oriented to facilitate the performance of the veterinary professional with the latest advances and newest treatments in the sector.





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Our main objective is to offer you quality training that allows you to keep up to date with the main advances in the field"



General Objectives

- ♦ List of the most common diseases of exotic mammals
- ♦ Classify and examine the most common diseases according to their origin: bacterial, fungal, viral, parasitic, hereditary and other health problems.
- ♦ Prevent the vast majority of common diseases and problems, establishing, as veterinary specialists, preventive medicine, vaccination and deworming schedules applied to each species.
- ♦ Make the veterinarian responsible for the importance of providing information to the owner so that they carry out adequate hygiene practices with the animal, a healthy diet and exercise as well as rest, ensuring that the animal is free of stress, following the guidelines for examination and physical examination of the animal during the consultation.
- ♦ Examine diseases from a practical and applicable point of view.
- ♦ Attend to the health status of exotic mammals as a priority for the veterinary specialist.
- ♦ Develop advanced knowledge on how to perform the most common rabbit operation: Castration, both in females and males, in addition to other basic interventions such as oral surgical techniques.
- ♦ Examine the different anatomical and physiological aspects of birds in order to apply them to the most effective treatments.
- ♦ Develop specialized knowledge in the treatment of emergencies in situations of hemorrhage, bone fractures and their treatment in emergency conditions.
- ♦ Establish anesthetic emergency protocols as with any animal that is anesthetized.
- ♦ Reach the protocol of state of shock, which is very difficult to determine in avian patients. Clinical signs may include weakness, mucosal paleness and poor peripheral perfusion.
- ♦ Determine the main pathologies of reptiles.
- ♦ Examine the changes in behavior or other aspects of the animal following a pathology.
- ♦ Establish treatments and cures for the most frequent pathologies.
- ♦ Develop specialized knowledge on the most advanced surgical techniques, with updated anesthetic protocols.



“ This 100% online Postgraduate Diploma will allow you to combine your studies with your professional work while increasing your knowledge in this”



Specific Objectives

Module 1

- ♦ Visualize the anatomy and physiological functioning of the oral cavity.
- ♦ Examine the dental malocclusion disease of lagomorphs.
- ♦ Identify all the diseases with zoonotic potential that we will encounter after handling or accidental ingestion.
- ♦ Provide advanced knowledge related to the sedation of an exotic mammal, including up-to-date anesthetic protocols for performing surgical treatments.
- ♦ Compile the ocular pathologies they present, their causes and the currently available treatments
- ♦ Analyze the reason why not all medications currently used in the dog and cat clinic can be used and cite the most commonly used medications used and their dosage.
- ♦ Develop specialized knowledge about routine surgical techniques such as sterilization and when it should be performed, as well as more advanced surgical techniques such as cystotomy or enterotomy.

Module 2

- ♦ Perform management techniques and preventive medicine in avian patients.
- ♦ Establish the proper sampling and routes of drug administration, understanding their anatomical differences with the rest of the species.
- ♦ Master the techniques of radiology, ultrasound and endoscopy as vital diagnostic imaging tools in avian patients.
- ♦ Detect the most common dermal pathologies, such as acariasis, follicular cysts, itching and cutaneous lipomas.
- ♦ Classify diseases caused by viruses, as well as important traumatologic pathologies.
- ♦ Analyze the most frequent emergencies.
- ♦ Establish the appropriate treatment for each of them and understand the most common treatments

Module 3

- ♦ Determine the most frequent zoonoses, prevention and indications for owners
- ♦ Analyze the most important diseases in reptiles.
- ♦ Treat the species with specific drugs and doses.
- ♦ Understand the use of the concepts MEC (Metabolic Energy Constant) and SMEC (Specific Metabolic Energy Constant), understanding that there are differences in the dose depending on the physiological state.
- ♦ Inspect updated anesthetic studies.
- ♦ Analyze the anatomical and physiological particularities of each species in order to make the appropriate anesthetic considerations.
- ♦ Establish the basic and routine surgical techniques in clinical practice.
- ♦ Discuss other important surgical issues.
- ♦ Describe the pathologies presented by reptiles with more complex causes.



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Join one of the largest online universities in the world”

04

Course Management

The program's teaching staff includes leading experts in Exotic Animal Medicine and Surgery who contribute their vast work experience to this training program. Professionals of recognized prestige have joined forces to offer you this high-level training.





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Train with the best professionals in the treatment of exotic animals. You will receive superior and fully updated training”

Management



Dr. Trigo García, María Soledad

- ♦ Veterinarian in charge of the Internal Medicine and Exotic Animal Surgery Service at the Clinical Veterinary Hospital of the Alfonso X El Sabio University in Madrid.
- ♦ Degree in Veterinary Medicine from the Alfonso X el Sabio University (2012)..
- ♦ Postgraduate degree in General Practitioner Certificate Programme in Exotic Animals, Improve International.
- ♦ Postgraduate degree in Food Safety from the Complutense University of Madrid..
- ♦ Coordinator and Professor of the subject of Exotic Animal Symptoms and Therapeutics at the Faculty of Veterinary Medicine, Alfonso X El Sabio University of Madrid.
- ♦ Lecturer in Food Science and Technology, Alfonso X El Sabio University.
- ♦ Veterinary consultant at the José Peña Wildlife Center, and various veterinary clinics in Madrid.
- ♦ Director of the Exotic Animal Service at the PRADO DE BOADILLA veterinarian center.
- ♦ Tutor of the Final Degree Dissertations of the Exotic and Wild Animal Medicine and Surgery at the Alfonso X El Sabio University,
- ♦ External expert evaluator and member of the tribunal of different Final Degree Dissertations.

Professors

Dr. Trigo García, María Soledad

- ♦ Veterinarian in charge of the Internal Medicine and Exotic Animal Surgery Service at the Clinical Veterinary Hospital of the Alfonso X El Sabio University in Madrid.
- ♦ Degree in Veterinary Medicine from the Alfonso X el Sabio University (2012)..
- ♦ Postgraduate degree in General Practitioner Certificate Programme in Exotic Animals, Improve International.
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- ♦ Coordinator and Professor of the subject of Exotic Animal Symptoms and Therapeutics at the Faculty of Veterinary Medicine, Alfonso X El Sabio University of Madrid.
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- ♦ Tutor of the Final Degree Dissertations of the Exotic and Wild Animal Medicine and Surgery at the Alfonso X El Sabio University,
- ♦ External expert evaluator and member of the tribunal of different Final Degree Dissertations.

D. Ouro Núñez, Carlos

- ♦ Degree in Veterinary from the University of Santiago de Compostela (2007)
- ♦ Member of the G.M.C.A.E. (Group of Exotic Animal Medicine and Surgery) of A.V.E.P.A. (Association of Spanish Small Animal Veterinarians).
- ♦ Member of the A.A.V. (Association of Avian Veterinarians).
- ♦ Member of the A.E.M.V. (Association of Exotic Mammal Veterinarians)
- ♦ Member of the A.R.A.V (Association of Reptile and Amphibian Veterinarians)
- ♦ Professor and coordinator of the "Master in Exotic Animal Medicine and Surgery", taught by Forvetex, from 2018 to the present.
- ♦ Tutor for external internships at different national and international universities.
- ♦ Since 2014 he is the owner and administrator of the Madagascar exotic animal specialist clinic (Madrid), a center that in turn supports different veterinary centers and hospitals and breeders of non-conventional species.
- ♦ Veterinarian specializing in exotic animals in different veterinary clinics and hospitals in Madrid since 2007.
- ♦ Author of several articles in national magazines on exotic and wild fauna.
- ♦ Throughout his professional career, he has participated in more than 30 courses, congresses and conferences on exotic and wild animals, both nationally and internationally.
- ♦ He was a volunteer at the Rof Codina Veterinary Hospital in Lugo during the Prestige disaster, performing detoxification, treatment, feeding and stabilization of the different maritime avian species received at the center throughout the crisis.



Expand your training with the best specialists in the field"

05

Structure and Content

The structure of the content has been designed by the best professionals in the Exotic Animal Medicine and Surgery sector, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied, and diagnosed, and with extensive knowledge of new technologies applied to veterinary studies.





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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. Advanced Criteria in Rabbits and Rodents

- 1.1. Anatomical-Physiological Reminder of the Oral Cavity.
 - 1.1.1. Anatomy of the Oral Cavity.
 - 1.1.1.1. Dental Formula.
 - 1.1.1.2. Types of Dentition.
 - 1.1.1.3. Types of Mastication.
 - 1.1.2. Origin of Dental Pathologies.
 - 1.1.2.1. Genetic Origin.
 - 1.1.2.2. Traumatic Origin.
 - 1.1.2.3. Systemic Origin.
 - 1.1.2.4. Dietary Origin.
 - 1.1.3. Types of Oral Pathologies.
 - 1.1.3.1. Malocclusion of Incisors.
 - 1.1.3.2. Malocclusion of Premolars and Molars.
- 1.2. Oral Pathologies.
 - 1.2.1. Symptoms Associated With Dental Pathologies. Early Diagnosis.
 - 1.2.1.1. Symptoms According to the Location.
 - 1.2.1.2. Presumptive Diagnosis and Work Plan.
 - 1.2.1.3. Complementary Diagnostic Tests.
 - 1.2.1.4. Definitive Diagnosis.
 - 1.2.2. Prevention, Treatment and Prognosis of Patients With Oral Pathologies.
 - 1.2.2.1. Medical Treatment.
 - 1.2.2.2. Surgical Treatment: New Advances in the Treatment of Oral Abscesses.
- 1.3. Fundamental Zoonoses in Lagomorphs and Rodents.
 - 1.3.1. Basic Aspects of Prevention and Protection of the Veterinary Professional.
 - 1.3.2. Diseases of Bacterial Origin.
 - 1.3.2.1. Francisella Tularensis.
 - 1.3.2.2. Pasteurellosis.
 - 1.3.2.3. Salmonellosis.
 - 1.3.2.4. Bordetella Sp.
 - 1.3.2.5. Brucellosis.
 - 1.3.2.6. Yersinia Pestis.
 - 1.3.2.7. Q Fever.
 - 1.3.3. Parasitic Diseases
 - 1.3.3.1. Internal Parasites.
 - 1.3.3.2. External Parasites.
- 1.4. Advanced Zoonoses in Lagomorphs and Rodents.
 - 1.4.1. Diseases Caused by Protozoos.
 - 1.4.1.1. Encephalytozoonosis.
 - 1.4.1.2. Toxoplasmosis.
 - 1.4.1.3. Giardiasis.
 - 1.4.2. Viral Diseases.
 - 1.4.2.1. Herpesvirus.
 - 1.4.3. Diseases of Fungal Origin.
 - 1.4.3.1. Dermatofitosis.
 - 1.4.3.2. Microsporum sp.
 - 1.4.3.3. Trichophyton Mentagrophytes.
- 1.5. Most commonly Used Anesthesia Techniques in Rodent and Lagomorph Clinics.
 - 1.5.1. Basic Concepts.
 - 1.5.2. Anaesthesia -Analgesia Epidural.
 - 1.5.3. General Sedation and Anesthesia.
- 1.6. Updates Anesthesia Techniques.
 - 1.6.1. Anatomic Reminder of the Facial Nerves.
 - 1.6.2. Local Anesthesia and Cranial Nerve Block.
 - 1.6.3. Maxillary Nerve Block.
 - 1.6.4. Infraorbital Nerve Block.
 - 1.6.5. Palatine Nerve Block.
 - 1.6.6. Mandibular Nerve Block.
 - 1.6.7. Mental Nerve Block.
 - 1.6.8. Anesthesia in the Emergency Department: Cardiopulmonary Resuscitation.
- 1.7. Ophthalmology in Lagomorphs and Rodents.
 - 1.7.1. Common Ocular Infections.
 - 1.7.2. Corneal Ulcers. Diagnosis and Treatment.
 - 1.7.3. Protusion of the Nictitating Membrane.
 - 1.7.4. Pseudoterigion.
 - 1.7.5. Naso-Lacrimal Duct Catheterization in Rabbits.



- 1.8. Updated Medical Treatments.
 - 1.8.1. Relevant Aspects.
 - 1.8.2. Safe Drugs and Suitable Dosage.
 - 1.8.3. Common Drugs in Other Species, But Banned For Lagomorphs and Rodents.
- 1.9. Basic Surgical Techniques.
 - 1.9.1. Pre-Surgery Factors.
 - 1.9.2. Surgery Factors.
 - 1.9.3. Post-Surgery Factors.
 - 1.9.4. Lagomorph and Rodent Sterilization Techniques.
- 1.10. Advanced Surgical Techniques.
 - 1.10.1. Cystotomy in Rabbits and Guinea Pigs.
 - 1.10.2. Urethrotomy and Perineal Urethrostomy in Rabbits.
 - 1.10.3. Gastrotomy in Lagomorphs and Rodents.
 - 1.10.4. Enterotomy and Enterectomy in Lagomorphs and Rodents.

Module 2. Diagnostic Criteria and Treatments in Birds

- 2.1. The Most Important Zoonoses.
 - 2.1.1. Prevention and Protection of the Veterinary Professional.
 - 2.1.2. Risk of Zoonosis from Handling.
 - 2.1.3. Risk of Zoonosis from Ingesting.
- 2.2. Clinical Handling and Preventive Medicine.
 - 2.2.1. Physical Examination: Complete and Orderly.
 - 2.2.2. Containing the Bird.
 - 2.2.3. Sampling and Drug Administration.
 - 2.2.3.1. Intravenous Route.
 - 2.2.3.2. Intraosseous Route.
 - 2.2.3.3. Oral Posology.
 - 2.2.3.4. Intramuscular Route.
 - 2.2.3.5. Subcutaneous Route.
 - 2.2.3.6. Topical Route.
 - 2.2.4. Preventative Medicine.
 - 2.2.4.1. Vaccination.
 - 2.2.4.2. Deworming.
 - 2.2.4.3. Sterilization.

- 2.3. Diagnostic Imaging: Radiology in Birds.
 - 2.3.1. Ultrasound Equipment.
 - 2.3.2. Handling Techniques in Radiography.
 - 2.3.3. Ultrasound Visualization.
- 2.4. Advanced Diagnostic Imaging.
 - 2.4.1. Ultrasound in Birds: The Use of Ultrasound.
 - 2.4.2. Technical Issues.
 - 2.4.3. Preparing and Positioning the Patient.
 - 2.4.4. Endoscopy in Birds: Necessary Instruments.
- 2.5. Pathologies of the Skin.
 - 2.5.1. Acariasis: In Parakeets and Canaries.
 - 2.5.2. Follicular Cysts: Usual Reason for Attending a Practice in Canaries.
 - 2.5.3. Itching: A Major Disorder.
 - 2.5.4. Cutaneous Lipomas: Very Common in Parakeets and Other Species.
- 2.6. Other Important Diseases.
 - 2.6.1. Avian Smallpox: Poxvirus.
 - 2.6.2. Circovirus: Diseases of the Beak and Feathers.
 - 2.6.3. Gout: Visceral or Articular.
 - 2.6.4. Limping: Multifactorial Cause.
 - 2.6.5. Spikes: "Bumblefoot".
- 2.7. Reproductive Diseases.
 - 2.7.1. Introduction.
 - 2.7.2. Egg Retention.
 - 2.7.3. Chronic Egg Laying Nymphs, Parakeets and Lovebirds.
- 2.8. Listing Frequent Pathologies.
 - 2.8.1. Macrorhabdus Ornithogaster: The Megabacteria.
 - 2.8.2. Vomiting and Regurgitating: Nonspecific Type.
 - 2.8.3. PDD: Proventriculus Dilatation Disease.
 - 2.8.4. Hepatic Lipidosis: The Most Common Liver Problem.
 - 2.8.5. Nonspecific Diarrhea: In Passerines and Psittaciformes.
- 2.9. Other Pathologies.
 - 2.9.1. Psittacosis: Potential Zoonosis.
 - 2.9.2. Hypovitaminosis A: Common in Birds Fed Exclusively on Seeds.
 - 2.9.3. Aspergillosis: Fungi of the Aspergillus Genus.

- 2.9.4. Nonspecific Respiratory Problems: The Major Issue.
- 2.9.5. Heavy Metal Poisoning.
- 2.9.6. Hypocalcemia: Very common in Yacos.
- 2.10. Treatments.
 - 2.10.1. Key Aspects to Perform a Surgical Procedure.
 - 2.10.2. Making Bandages.
 - 2.10.2.1. Bandaging Wings.
 - 2.10.2.2. Bandaging Spikes.
 - 2.10.3. Feather Cutting.

Module 3. Relevant Aspects of Reptiles I

- 3.1. Introduction.
 - 3.1.1. Taxonomic Classification.
 - 3.1.2. The Most Common Species of Reptiles in Captivity.
 - 3.1.3. Other Reptiles Kept in Captivity.
- 3.2. Anatomy:
 - 3.2.1. Common Aspects in Reptiles
 - 3.2.1.1. Skeletal System.
 - 3.2.1.2. Circulatory System.
 - 3.2.1.3. Digestive System.
 - 3.2.2. Particular Anatomy of Turtles.
 - 3.2.3. Anatomy of Lizards.
 - 3.2.4. Anatomy of Snakes.
- 3.3. Maintenance: Suitable Facilities for Each Species.
 - 3.3.1. Special Furniture: Types of Terrariums and Their Dimensions.
 - 3.3.2. Water: Calculation of Daily Water Requirements.
 - 3.3.3. The Material of the Terrarium.
 - 3.3.4. The Importance of temperature: POTZ (Preferred Optimum Temperature Zone)
 - 3.3.5. The Importance of Humidity.
 - 3.3.6. Controlling Light: Effects on Their Organism.
 - 3.3.6.1. Types of Radiation.
 - 3.3.6.2. Existing Materials on the Market.

- 3.3.7. Coexistence.
 - 3.3.7.1. Interspecific.
 - 3.3.7.2. Intraspecific.
- 3.4. Hibernation or Diapause.
 - 3.4.1. Relevant Concepts.
 - 3.4.2. Types of Hibernation.
 - 3.4.3. Species that Hibernate.
 - 3.4.4. Problems Derived from Hibernation.
- 3.5. Nutritional Requirements: Nutrition.
 - 3.5.1. Classification Depending on the Type of Diet.
 - 3.5.2. Aspects to be Assessed in Each Physiological State.
 - 3.5.3. Diet for Herbivore Species.
 - 3.5.4. Diet for Insectivore Species.
 - 3.5.5. Diet for Carnivore Species.
- 3.6. Clinical Management.
 - 3.6.1. Reptile Transportation.
 - 3.6.1.1. How to Go to the Practice.
 - 3.6.1.2. Long-Term Transportation.
 - 3.6.1.3. Legislation.
 - 3.6.2. Containing the Reptile for its Examination.
 - 3.6.3. Caudal Autotomy.
 - 3.6.4. Physical Examination.
 - 3.6.5. Sexing Techniques.
 - 3.6.5.1. Turtles.
 - 3.6.5.2. Lizards.
 - 3.6.5.3. Ophidians.
 - 3.6.6. Handling During Hospitalization.
- 3.7. Sampling and Drug Administration.
 - 3.7.1. Oral Posology.
 - 3.7.1.1. Suitable Techniques.
 - 3.7.1.2. Administering Food During Hospitalization.
 - 3.7.2. Subcutaneous Route
 - 3.7.3. Intramuscular Route
 - 3.7.4. Intravenous Route Intravenous Catheterization.
 - 3.7.4.1. Chelonids.
 - 3.7.4.2. Lizards.
 - 3.7.4.3. Ophidians.
 - 3.7.5. Intraosseous Route: Intraosseous Catheterization.
 - 3.7.6. Intracellular Route: Similar to the Intraperitoneal Route in Mammals.
- 3.8. X-Rays as a Basic Diagnostic Techniques.
 - 3.8.1. Radiological Technique: Machinery and Optimum Radiographic Contrast.
 - 3.8.2. Handling During X-Rays and Radiographic Visualization.
 - 3.8.2.1. Chelonids.
 - 3.8.2.2. Lizards.
 - 3.8.2.3. Snakes.
- 3.9. Other Diagnostic Imaging Techniques Used: Ultrasound and Endoscopy.
 - 3.9.1. Ultrasound in Reptiles: The Complement to X-Rays.
 - 3.9.2. Endoscopy: With Several Uses.
- 3.10. Other Diagnostic Techniques
 - 3.10.1. Biopsies: Highly Valuable Information.
 - 3.10.2. Clinical Biochemistry.
 - 3.10.3. Cytological Techniques.
 - 3.10.4. Coprology in Reptiles.
 - 3.10.5. Microbiology: Detecting Viruses, Bacteria and Parasites.
 - 3.10.6. Necropsy: Post-Mortem Examination.



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

06

Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: **el relearning**. This teaching system, originating at Harvard University, is used in the most prestigious medical schools in the world and has been considered one of the most effective by leading publications such as the *New England Journal of Medicine*





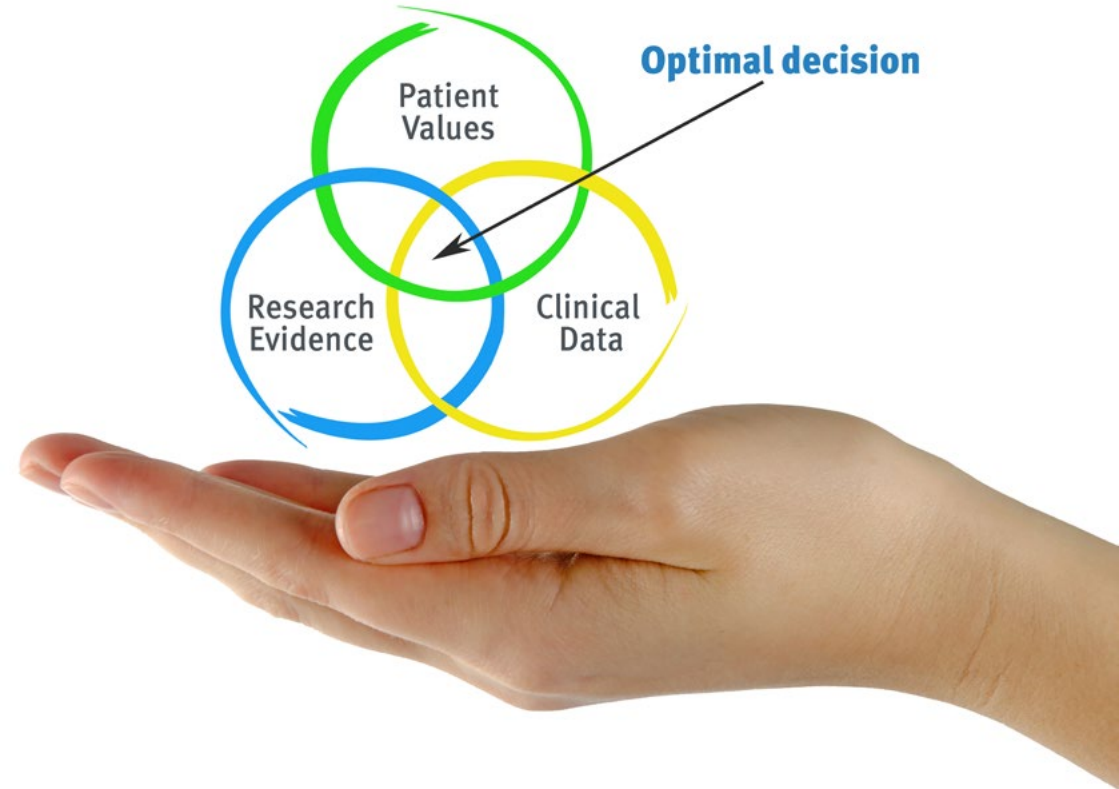
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Discover Relearning, a system from Harvard University that abandons conventional linear learning to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization”

In a given situation, what would you do? Throughout these months, the professional will face multiple simulated clinical cases based on real patients in which they will have to investigate, establish hypotheses and finally, resolve the situation. This method ensures specialists learn better as they accept more responsibility and get closer to the reality of their professional future.



Re-learning 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 to success"



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 potential or because of its uniqueness or rarity. It is essential that the case be based on current professional life, trying to recreate the real conditions in professional practice in the veterinary field.

The effectiveness of the method is justified by four fundamental achievements:

01

Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.

02

The learning process has a clear focus on practical skills that allow the student to better integrate into the real world.

03

Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.

04

Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



Re-Learning Methodology

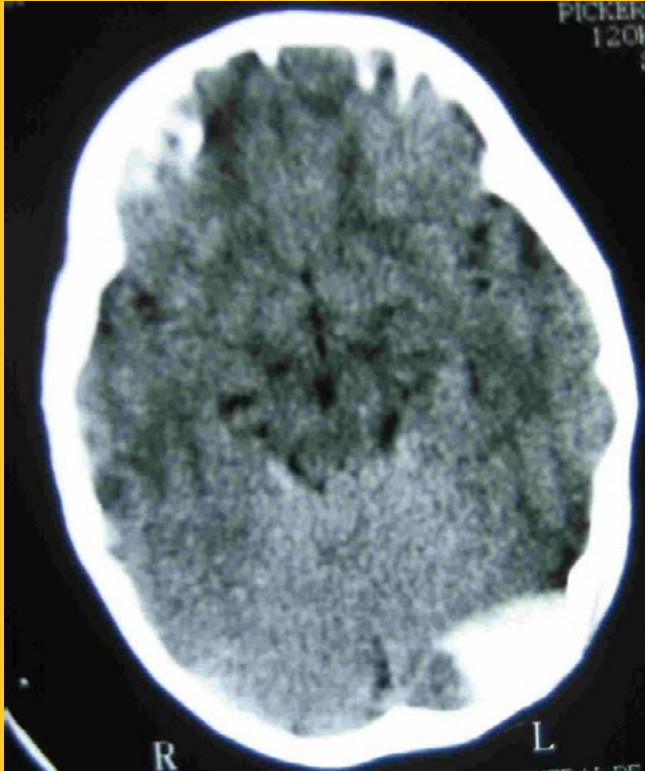


The student will be able to learn with the advantages of access to simulated learning environments and the "Learning from an expert approach in which they learn by observation"

An immersive system of knowledge transmission, through participation in the resolving real problems and supported by the best audiovisual technology on the educational market.

Learning with the Relearning method will allow you, besides learning and consolidating what you have learned in a more effective way, to achieve your training goals with more speed and less effort.





At the forefront of world pedagogy, this successful method has managed to improve the overall satisfaction levels of professionals who complete the courses, with respect to the quality indicators of the best online university in Spanish-speaking countries. The teaching quality, the quality of the materials, the structure of the course and the objectives achieved were rated as very positive.

With more than 40,000 Teachers trained in this methodology and an international satisfaction level of 8.01, relearning has proven to be at the height of the most demanding assessment environments.

In our system, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

More than 150,000 professionals have been trained through this methodology, achieving unprecedented success. All this in a highly demanding environment, with the highest standards of evaluation and monitoring.

This training will be based, above all, on experience. A process in which you will test the knowledge you will acquire, consolidating and improving it gradually.

In this program you will have access to the best educational material, prepared with you 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Educational Techniques and Procedures on Video

We introduce you to the latest techniques, a the latest educational advances, and to the forefront of Education today. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



Interactive Summaries

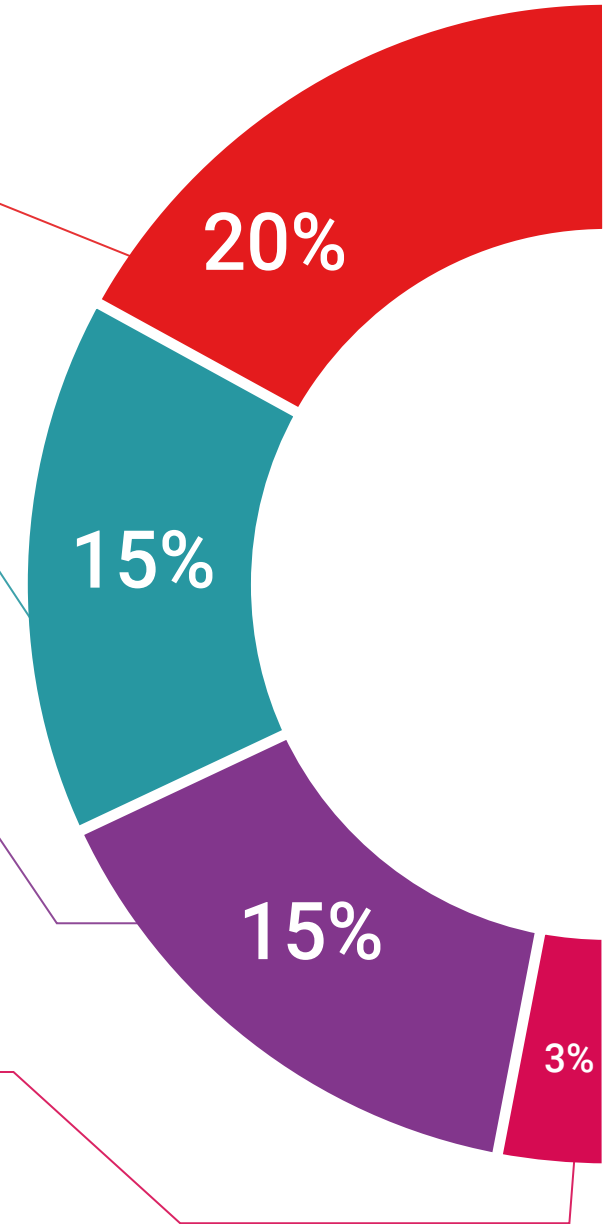
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge. This unique training system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

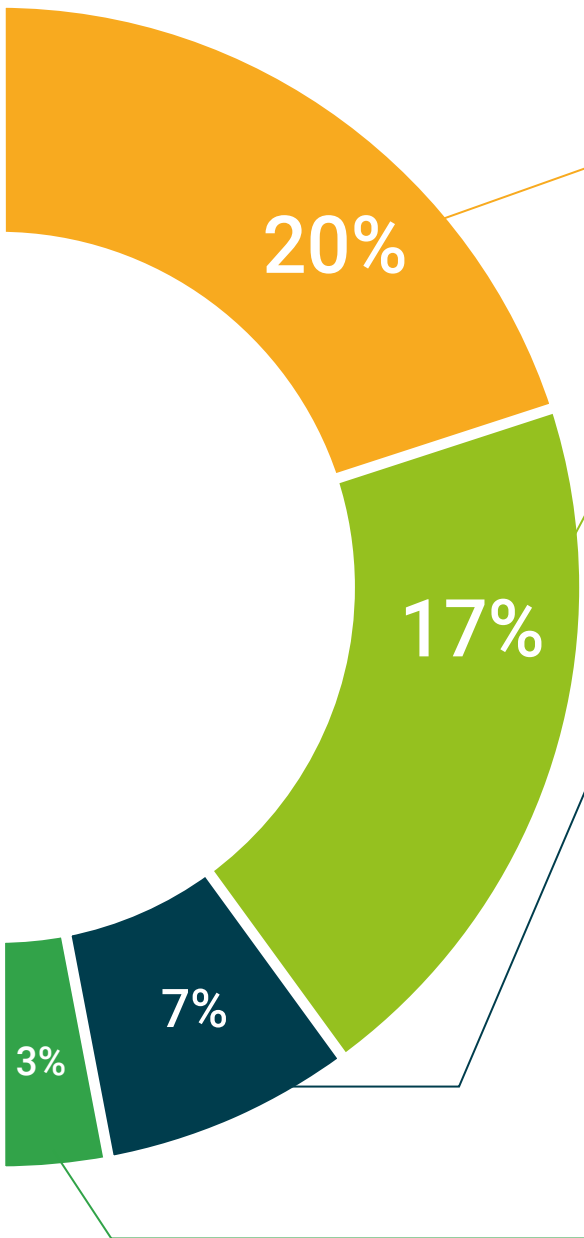


Additional Reading

By participating in this course you will have access to a virtual library where you will be able to complement and keep your training up-to-date with the latest articles on the subject, consensus documents, international guidelines...

An invaluable resource that you will be able to use even when you finish your course with us.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Re-testing

We periodically evaluate and re-evaluate your knowledge throughout the program through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



Learning from an expert

Observation of an expert performing a task is the most effective way of learning. It is called Learning from an Expert: a proven way to reinforce knowledge and memory of what has been learned. For this reason, we include this type of learning through master classes in our courses.

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 our future difficult decisions.



Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



07

Certificate

Through a different and stimulating learning experience, you will be able to acquire the necessary skills to take a big step in your training. An opportunity to progress, with the support and monitoring of a modern and specialized university, which will propel you to another professional level.



“

Include in your training a Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles: a highly qualified added value for any professional in this area"

This **Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles** contains the scientific most complete and up-to-date educational program on the market.

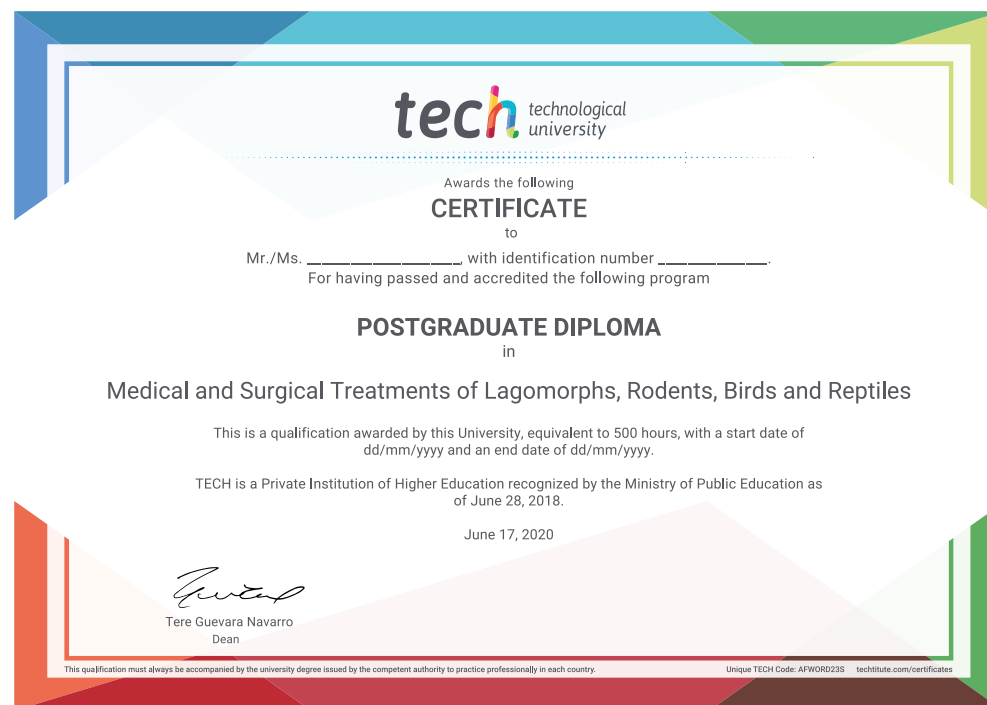
After the student has passed the evaluations, they will receive their corresponding certificate issued by TECH - Technological University via tracked delivery.

The certificate issued by TECH - Technological University will reflect the qualification obtained, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Medical and Surgical Treatments of Lagomorphs, Rodents, Birds and Reptiles**

ECTS: 24

Official Number of Hours: 600



*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
development language
classroom

tech technological
university

Postgraduate Diploma
Medical and Surgical
Treatments of
Lagomorphs, Rodents,
Birds and Reptiles

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

Postgraduate Diploma
Medical and Surgical
Treatments of Lagomorphs,
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