

Postgraduate Diploma Ophthalmology in Exotic Animals





Postgraduate Diploma Ophthalmology in Exotic Animals

- » Modality: Online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Aufwand: 16 Std./Woche
- » Zeitplan: in Ihrem eigenen Tempo
- » Prüfungen: online

Website: www.techtute.com/us/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-ophthalmology-exotic-animals

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01

Introduction

Anatomical knowledge is essential for the correct interpretation of pathologies that affect exotic animals. In this program, students will acquire necessary knowledge including, in addition, embryological studies that provide the most accurate information about several congenital pathologies, as well as an intensive review of the exploration required for a well elaborated diagnosis. Focused on exotic animals, this study process allows the medical professional to get up to date in the care of the various species encountered in the veterinary clinic.





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An intensive and complete study of the different ophthalmologic pathologies affecting exotic animals that veterinarians may encounter in their practice”

During this Postgraduate Diploma, the physiology of vision is analyzed by developing the factors involved in the visual process, taking into account the differences that exist in the animal world. Another aspect that is dealt with is ocular pharmacology, a wide field that contains many adversities, due to the anatomical specialties of the eyeball

In terms of treatment, the pharmacokinetics of the drugs and the choice of route of administration according to the desired site of action will be studied

Another fundamental aspect of this Postgraduate Diploma is the study of ophthalmologic examination and complementary tests, as well as specialized knowledge of the different diagnostic methods and their indications, coupled with the basic and essential instruments required for a complete ophthalmologic examination

The complete ophthalmologic examination will be discussed, starting with the anamnesis, the clinical history of the patient and the different procedures that can be used to reach a correct diagnosis. The most important procedures, tests and devices that facilitate an accurate diagnosis will be examined

In the final part of the Postgraduate Diploma, the anatomy of each species and the main alterations affecting each one of them will be covered, with specific study of the therapeutic methods of exotic species, all of which will lead to improved patient management and optimized results

This **Postgraduate Diploma in Ophthalmology in Exotic Animals** contains the most complete and up-to-date scientific program on the market. Its most important features include:

- ♦ Case studies presented and developed by experts in Veterinary Ophthalmology
- ♦ Graphic, schematic, and practical contents created to provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ 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



You will learn the specific and advanced diagnostic protocols in Ophthalmology in Exotic Animals to be able to apply the most appropriate medical or surgical treatment in each case"

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Designed to be a practical specialization process, this Postgraduate Diploma includes the study of real cases that will allow you to acquire a highly efficient contextual education"

The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading 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 immersion programmed to learn in real situations

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts

Acquire the ability to perform a complete differential approach to ocular pathologies in exotic animals.

All the knowledge in ocular anatomy from an innovative, clear and highly effective perspective.



02 Objectives

The objective of this Postgraduate Diploma is to provide veterinarians with specialized knowledge on Veterinary Ophthalmology focused on exotic species, for which TECH has designed the most complete and up-to-date academic program on the market. After completing the 450 hours of study included in this program, professionals will be able to practice in this exciting field with total success and from a perspective based on maximum scientific rigor, relevant material and the latest advances.





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If you want to be part of the professionals capable of attending to the ophthalmologic problems of all types of pets, this is the Postgraduate Diploma you need"



General Objectives

- ♦ Develop a solid foundation in ocular anatomy
- ♦ Establish a correct chronology of ocular embryology
- ♦ Analyze the physiology of vision and its differences between species
- ♦ Specify types of drugs and their routes of administration to optimize their effect
- ♦ Develop the basic functional models of vision and the differences in different animals
- ♦ Identify surgical equipment and devices used in ophthalmic surgery
- ♦ Develop an orderly examination protocol
- ♦ Analyze common examining techniques to obtain more information
- ♦ Examine new technologies and their indications, to complete an ophthalmologic examination
- ♦ Explain fundamentals of ocular anatomy in different species
- ♦ Establish an exploratory protocol for each exotic species
- ♦ Generate the bases of different pathologies and be able to propose the best treatment for each species





Specific Objectives

Módulo1. Embryology, Anatomy, Physiology of Vision and Pharmacology

- ♦ Develop a solid foundation in ocular anatomy
- ♦ Study different points of embryology to determine congenital pathologies
- ♦ Determine differences in the physiology of vision in different species
- ♦ Examine process by which images and properties of the optical systems of the eyeball are formed
- ♦ Evaluate the different therapeutic options according to ocular pharmacology and determine the correct route of administration
- ♦ Compile anaesthetic drugs for ophthalmologic use and know how to use them according to the diagnostic test or surgery to be performed

Module 2. Ophthalmologic Examination and Complementary Tests

- ♦ Optimize data collection from the patient's anamnesis, as well as from the basic examination tests
- ♦ Demonstrate uses of and information related to slit lamp
- ♦ Evaluate the advantages and disadvantages of direct and indirect ophthalmoscopy
- ♦ Establish a basis for the correct use of Tonometry and Gonioscopy
- ♦ Analyze the different possibilities for anterior and posterior segment imaging for objective follow-up of patient lesions
- ♦ Determine basis for diagnostic imaging
- ♦ Review drugs for specific exploratory procedures

Module 3. Exotic Animal Ophthalmology

- ♦ In-depth study of the ocular anatomical characteristics of different exotic species
- ♦ Analyze the most appropriate examination methods for each species
- ♦ Generate a baseline of ocular anatomical features to be able to discern the most subtle symptoms that may be causing a pathology
- ♦ Present different therapeutic routes in order to propose the most appropriate treatment according to species
- ♦ Develop abilities for the surgical approach to different species



Your goals and TECH's goals become one and the same with this Postgraduate Diploma"

03

Course Management

This Postgraduate Diploma has renowned medical professionals with extensive experience, who will help students to acquire solid knowledge in the specialty of Veterinary Ophthalmology. For this reason, this Postgraduate Diploma has a highly qualified team with significant experience in the sector, who will offer students the best possible resources in the development of their skills during the program. This way, veterinarians will have all that is required to specialize at an international level in a booming sector that will catapult them to professional success.



A close-up photograph of a snake's head and scales, showing intricate patterns and colors of brown, tan, and white. The snake is positioned on the left side of the frame, with its head and part of its body visible. The background is a soft, out-of-focus landscape with trees and a clear sky.

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During your studies, you will be accompanied by professional experts who will help you learn in a contextual, direct and effective way”

International Guest Director

Dr. Caryn Plummer is a true international reference in the field of Veterinary Medicine. Her research interests include corneal wound healing, glaucoma and other aspects of clinical ophthalmology in animals. She has also developed different models of diseases that afflict the eyesight of pets.

The lectures of this expert are widely recognized and expected in the academic framework, developing many of these in the United States, the University of Copenhagen and other parts of the world. She is also a member of the School of Veterinary Medicine at the University of Florida.

Other lines in which this expert has completed her professional development are Pharmacology and the use of medical devices through administration and ocular penetration. In the same way, she has deepened her knowledge in Equine Corneal Disease, Primary Open Angle Glaucoma in the Dog and other immune-mediated pathologies. In turn, Plummer has ventured into the application of new surgical techniques for the healing of corneal wounds, facial reconstruction of animal eyelids and the prolapse of nictitating glands. On these topics he has published a large number of articles in leading journals such as Veterinary ophthalmology and American journal of veterinary research.

Dr. Plummer's professional development has also been intensive and regular. Her specialization in Veterinary Ophthalmology was developed at the University of Florida. She also completed her advanced education in Small Animal Medicine and Surgery at Michigan State University.

On the other hand, this scientist has received several awards, among them the Clinical Researcher of the Year Award, granted by the Florida Veterinary Medical Association. She is also the author of Gelatt's classic textbook Veterinary Ophthalmology and an associate editor.



Dr. Plummer, Caryn

- Research Fellow in Veterinary Ophthalmology at the University of Florida
- Veterinary Ophthalmologist specialized in Glaucoma and Corneal Disease in Small Animals.
- Founder and Secretary/Treasurer of the International Consortium for Equine Ophthalmology
- Treasurer of the Consortium for Animal Vision Foundation
- Author of the classic Gelatt textbook Veterinary Ophthalmology
- Diplomate of the American College of Veterinary Ophthalmology
- Residency in Comparative Ophthalmology at the University of Florida
- Practical Instruction in Veterinary Medicine at the University of Michigan
- BA degree from Yale University
- Member of the Florida Veterinary Medical Association



Thanks to TECH, you will be able to learn with the best professionals in the world"

Management



Dr. Fernández Más, Uxue

- ♦ Veterinary Ophthalmology in the IVO
- ♦ Responsible for Ophthalmology Service at Vidavet
- ♦ Degree in Veterinary from the University of Zaragoza
- ♦ Postgraduate in Ophthalmology Veterinary Medicine, Autonomous University of Barcelona
- ♦ Lecturer in Introductory Courses in Veterinary Ophthalmology for the Vidavet group
- ♦ Member of SEOVET and AVEPA Ophthalmology group
- ♦ Presentations at SEOVET, ECVO and GTA de AVEPA Congresses
- ♦ Junior Resident at Oftalvet Mexico

Professors

Chicano Marín, Francisco José

- ♦ Collaboration with the R&D department of Alcon Laboratories in El Masnou
- ♦ Collaborations at the Harlan Laboratories' experimental center
- ♦ Bachelor's Degree in Veterinary Medicine from the University of Zaragoza
- ♦ Postgraduate in Veterinary Medicine Ophthalmology, Autonomous University of Barcelona
- ♦ Certified by AVEPA as a specialist in Veterinary Ophthalmology
- ♦ Member of SEOVET

Dr. Martínez Gassent, María

- ♦ Clinical Ophthalmology Service Anicura Ars Veterinaria, Barcelona, Spain
- ♦ Specialty Internship at the Ophthalmology Service Ars Veterinaria, Barcelona
- ♦ Self-employed, creator and general veterinarian at Itinerant Veterinarian Clinic Nomavet, Valencia
- ♦ Collaborator Professor at the Department of Animal Medicine and Surgery of CEU Cardenal Herrera University
- ♦ Bachelor's Degree in Veterinary Medicine, CEU Cardenal Herrera University, Valencia
- ♦ Postgraduate Diploma in Small Animal Surgery and Anaesthesia by the Autonomous University of Barcelona
- ♦ Postgraduate Diploma in Small Animal Surgery and Ocular Pathology by the Autonomous University of Barcelona
- ♦ Basic Science Course in Veterinary Ophthalmology at the University of North Carolina

Dr. Iaquinandi Murtagh, Agustina

- ♦ Iaquinandi Veterinary Ophthalmologic Center, Olavarría 142, Quilmes, Buenos Aires, Argentina
- ♦ Laboratory of Retinal Neurochemistry and Experimental Ophthalmology, Dept. of Human Biochemistry, Faculty of Medicine CEFyBO, U.B.A./CONICET Paraguay
- ♦ Bachelor's Degree, Faculty of Sciences Veterinaries, UNLP B.Sc. in Veterinary Medicine
- ♦ Course in Equine Ophthalmology and Companion Animals
- ♦ Postgraduate Course in Veterinary Ophthalmology, organized by the Department of Animal Medicine and Surgery Autonomous University of Barcelona. Bellaterra (Cerdanyola del Vallès)
- ♦ Advanced Theoretical-Practical Course on Ocular Ultrasound Argentinian Association of Ophthalmology (SAO)

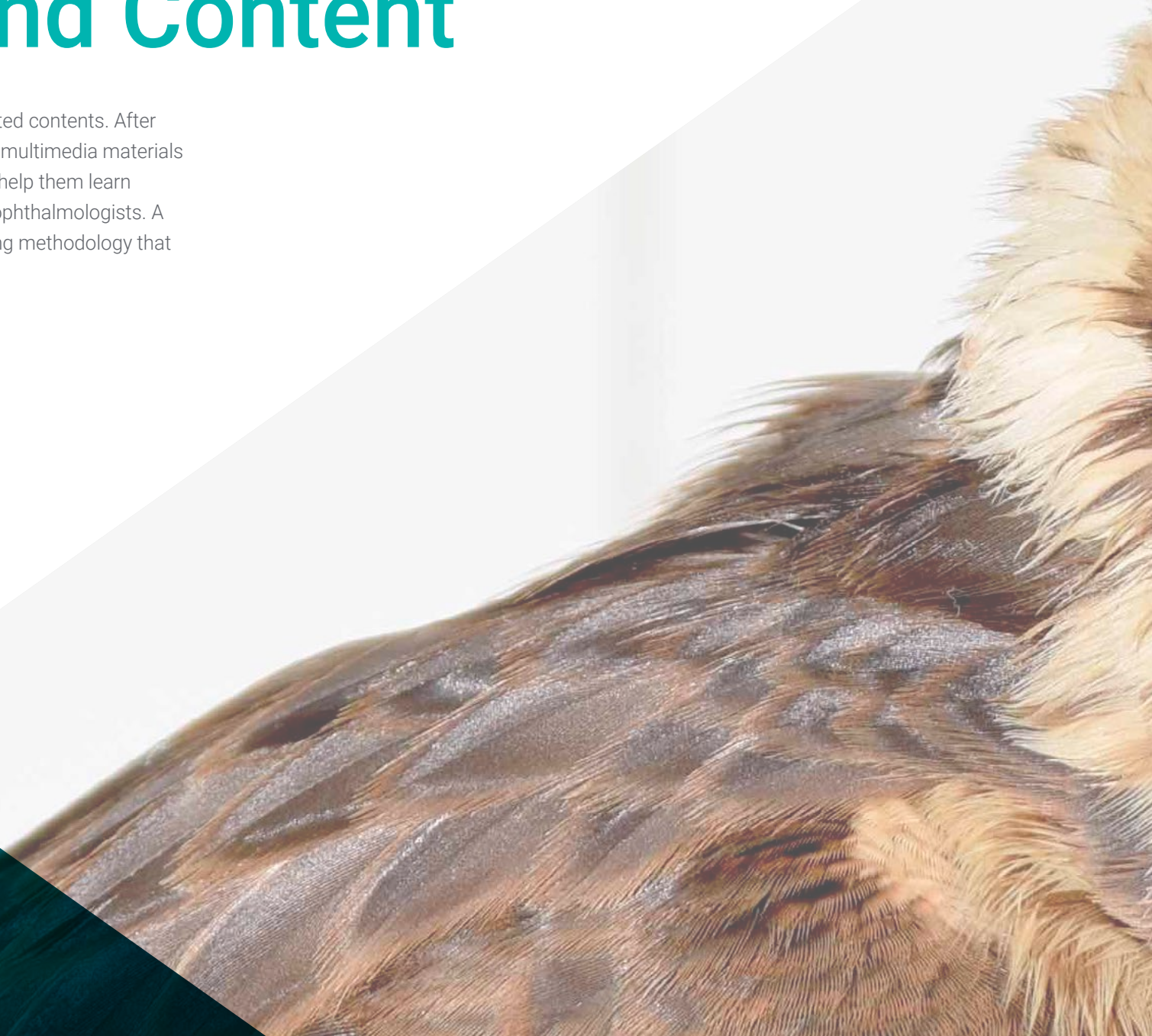


This program will help you acquire the skills you need to excel in your daily work"

04

Structure and Content

This program is an excellent compendium of fully updated contents. After enrolling in this program, students will be provided with multimedia materials and will gain a practical and theoretical insight that will help them learn everything they need to become successful veterinary ophthalmologists. A unique academic opportunity based on the best teaching methodology that will elevate professionals to the top in their careers





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The course covers all the aspects one requires to intervene safely in ophthalmologic pathologies”

Module 1. Embryology, Anatomy, Physiology of Vision and Pharmacology

- 1.1. Embryology Ocular Development
 - 1.1.1. Development of the Ocular Globe and Appendages
 - 1.1.1.1. Eyelids and Nasolacrimal System
 - 1.1.1.2. Conjunctiva and Nictitating Membrane
 - 1.1.1.3. Extraocular Muscles
 - 1.1.2. Anterior Segment Development
 - 1.1.2.1. Cornea
 - 1.1.2.2. Iridocorneal Angle
 - 1.1.2.3. Iris
 - 1.1.2.4. Lens
 - 1.1.3. Posterior Segment Development
 - 1.1.3.1. Sclera
 - 1.1.3.2. Choroids
 - 1.1.3.3. Vitreous
 - 1.1.3.4. Retina
 - 1.1.3.5. Optic Nerve
 - 1.1.3.6. *Tapetum*
- 1.2. Ocular Developmental Anomalies
 - 1.2.1. Ocular Developmental Anomalies
 - 1.2.1.1. Cyclopia and Synophthalmia
 - 1.2.1.2. Microphthalmia and Anophthalmia
 - 1.2.1.3. Palpebral Alterations
 - 1.2.1.4. Dermoid
 - 1.2.1.5. Anterior Segment Development
 - 1.2.1.6. Alterations of the Iris, Choroid and Sclera
 - 1.2.1.7. Congenital Cataracts
 - 1.2.1.8. Congenital Glaucoma
 - 1.2.1.9. Persistence of Primary Hyperplastic Vitreous Persistence of Hyperplastic Vascular Tunica Lentis
 - 1.2.1.10. Retinal Dysplasia
 - 1.2.1.11. Optic Nerve Alterations



- 1.3. Ocular Anatomy
 - 1.3.1. Orbit
 - 1.3.2. Extraocular Muscles and Orbital Fat
 - 1.3.3. Ocular Globe
- 1.4. Vascular Anatomy
 - 1.4.1. Vascular Anatomy
 - 1.4.2. Neuroanatomy
- 1.5. Physiology
 - 1.5.1. Tear Film
 - 1.5.2. Aqueous Humor Physiology
 - 1.5.3. Blood-Aqueous Barrier
 - 1.5.4. Intraocular Pressure
- 1.6. Physiology of Vision
 - 1.6.1. Light Sensitivity
 - 1.6.2. Motion Sensitivity
 - 1.6.3. Visual Field
 - 1.6.4. Visual Acuity
 - 1.6.5. Color Vision
- 1.7. Ophthalmologic Drug Administration
 - 1.7.1. Ophthalmologic Medication Administration Routes
 - 1.7.2. Pharmacotherapy Enhancement
 - 1.7.3. Pharmacological Injections
- 1.8. Anti-inflammatory, Antimicrobial and Pio Control Drugs
 - 1.8.1. Anti-Inflammatory Drugs:
 - 1.8.1.1. Glucocorticoids
 - 1.8.1.2. Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)
 - 1.8.1.3. Other Immunosuppressive Agents
 - 1.8.2. Antimicrobial Agents
 - 1.8.2.1. Antibiotics
 - 1.8.2.2. Antimycotics
 - 1.8.2.3. Antivirals
 - 1.8.2.4. Disinfectants

- 1.8.3. Anti-Inflammatory, Antimicrobial and Pio Control Drugs
 - 1.8.3.1. Carbonic Anhydrase Inhibitors
 - 1.8.3.2. Prostaglandins
 - 1.8.3.3. Myotics Cholinergic Agents
 - 1.8.3.4. Adrenergic Drugs
- 1.9. Cholinergic, Midriatic and Anaesthetic Drugs
 - 1.9.1. Cholinergic Drugs
 - 1.9.2. Midriatic Drugs
 - 1.9.3. Anaesthetic Drugs
- 1.10. Artificial Tears, Tissue Adhesives and Hyperosmotic Agents
 - 1.10.1. Artificial Tears
 - 1.10.2. Tissue Adhesives
 - 1.10.3. Hyperosmotic Agents

Module 2. Ophthalmologic Examination and Complementary Tests

- 2.1. Ophthalmologic Examination
 - 2.1.1. Remote Ophthalmological Exploration
 - 2.1.2. Medical History
 - 2.1.3. Clamping Methods
 - 2.1.4. Basic Instruments for Ophthalmological Examination
- 2.2. Direct and Indirect Ophthalmoscopy
 - 2.2.1. Direct Examination
 - 2.2.1.1. Palpebral Reflex
 - 2.2.1.2. Threat Response
 - 2.2.1.3. Glare Reflex
 - 2.2.1.4. Pupillomotor Reflex
 - 2.2.1.5. Corneal Reflex
 - 2.2.2. Biomicroscopy
 - 2.2.3. Direct Ophthalmoscopy
 - 2.2.4. Indirect Ophthalmoscopy
 - 2.2.4.1. Monocular Indirect Ophthalmoscopy
 - 2.2.4.2. Binocular Indirect Ophthalmoscopy

- 2.3. Ophthalmic Exploration Tests
 - 2.3.1. Schirmer Test
 - 2.3.2. Fluorescein Test
 - 2.3.2.1. Fluorescein Test
 - 2.3.2.2. Break Up Time (BUT)
 - 2.3.2.3. Test for Jones
 - 2.3.2.4. Test for Seidel
 - 2.3.3. Rose of Bengal
 - 2.3.4. Lysamine Green
- 2.4. Tonometry
 - 2.4.1. Indentation Tonometry
 - 2.4.2. Applanation Tonometry
 - 2.4.3. Rebound Tonometry
- 2.5. Gonioscopy
 - 2.5.1. Direct Gonioscopy
 - 2.5.2. Indirect Gonioscopy
- 2.6. Cytology and Biopsies
 - 2.6.1. Cytology Sampling
 - 2.6.1.1. Conjunctival Cytology
 - 2.6.1.2. Corneal Cytology
 - 2.6.1.3. Aqueous Humor Cytology
 - 2.6.1.4. Urine Cytology
 - 2.6.2. Biopsy Sampling
- 2.7. Ocular Ultrasound
 - 2.7.1. Anterior Segment Ultrasound
 - 2.7.2. Posterior Segment Ultrasound
 - 2.7.3. Orbit Ultrasound
- 2.8. Optical Coherence Tomography (OCT)
 - 2.8.1. Corneal OCT
 - 2.8.2. Iridocorneal Angle
 - 2.8.3. Retinal OCT

- 2.9. Electroretinography
 - 2.9.1. Electroretinography (ERG)
 - 2.9.2. Electroretinography Technique
 - 2.9.3. Erg Applications
- 2.10. Other Diagnostic Imaging
 - 2.10.1. MRI and CT
 - 2.10.2. Fluorescein Angiography
 - 2.10.3. Pachymetry
 - 2.10.4. Meibography

Module 3. Exotic Animal Ophthalmology

- 3.1. Ophthalmology in Exotic Animals
 - 3.1.1. Environment
 - 3.1.2. Assessment of Vision
 - 3.1.3. Restrictions
 - 3.1.4. Visual Reflexes
 - 3.1.5. Exotic Animal Medical Therapy
 - 3.1.6. Surgical Procedures in Exotic Animals
- 3.2. Rabbits
 - 3.2.1. Anatomy
 - 3.2.2. Exploration
 - 3.2.3. Orbital Diseases
 - 3.2.4. Palpebral Diseases
 - 3.2.5. Conjunctival Pathologies
 - 3.2.6. Nasolagimal System Diseases
 - 3.2.7. Corneal Pathology
 - 3.2.8. Cataracts
 - 3.2.9. Glaucoma
- 3.3. Guinea Pig
 - 3.3.1. Anatomy
 - 3.3.2. Palpebral Diseases
 - 3.3.3. Conjunctival Pathologies
 - 3.3.4. Corneal Pathologies
 - 3.3.5. Cataracts
 - 3.3.6. Heterotopic Bone

- 3.4. Rats and Mice
 - 3.4.1. Anatomy
 - 3.4.2. Exploration
 - 3.4.3. Conjunctival and Nasolacrimal System Pathologies
 - 3.4.4. Corneal Pathologies
 - 3.4.5. Cataracts
 - 3.4.6. Uveal Pathologies
 - 3.4.7. Posterior Segment Abnormalities
- 3.5. Ferrets
 - 3.5.1. Anatomy
 - 3.5.2. Exploration
 - 3.5.3. Orbital Diseases
 - 3.5.4. Conjunctival Pathologies
 - 3.5.5. Corneal Pathologies
 - 3.5.6. Cataracts
 - 3.5.7. Uveal Pathology
 - 3.5.8. Glaucoma
- 3.6. Other Exotic Mammals
 - 3.6.1. Hamsters
 - 3.6.2. Chipmunks
 - 3.6.3. Gerbils
 - 3.6.4. Degus
 - 3.6.5. Hedgehogs
- 3.7. Birds
 - 3.7.1. Anatomy
 - 3.7.2. Exploration
 - 3.7.3. Trauma
 - 3.7.4. Palpebral Diseases
 - 3.7.5. Conjunctival Pathologies
 - 3.7.6. Corneal Pathologies
 - 3.7.7. Uveal Pathology
 - 3.7.8. Cataracts
 - 3.7.9. Horner Syndrome
 - 3.7.10. Enucleation
- 3.8. Reptiles Anatomy and Physiology
 - 3.8.1. Anatomy and Physiology
 - 3.8.2. Speculum and Its Pathologies
 - 3.8.3. Microphthalmia and Anophthalmia
 - 3.8.4. Megaglobus
- 3.9. Reptiles Pathologies
 - 3.9.1. Hypovitaminosis A in Tortoises
 - 3.9.2. Palpebral Diseases and Dacryocystitis
 - 3.9.3. Conjunctival Pathologies
 - 3.9.4. Corneal Pathologies
 - 3.9.5. Uveal Pathologies
 - 3.9.6. Cataracts
 - 3.9.7. Posterior Segment Abnormalities
- 3.10. Fish and Amphibians
 - 3.10.1. Fish
 - 3.10.1.1. Anatomy
 - 3.10.1.2. Exploration
 - 3.10.1.3. Ocular Pathology
 - 3.10.2. Amphibians
 - 3.10.2.1. Anatomy
 - 3.10.2.2. Exploration
 - 3.10.2.3. Ocular Pathology



*An exceptional learning journey
that will enable you to advance
your skills and competitiveness
on the job market"*

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.





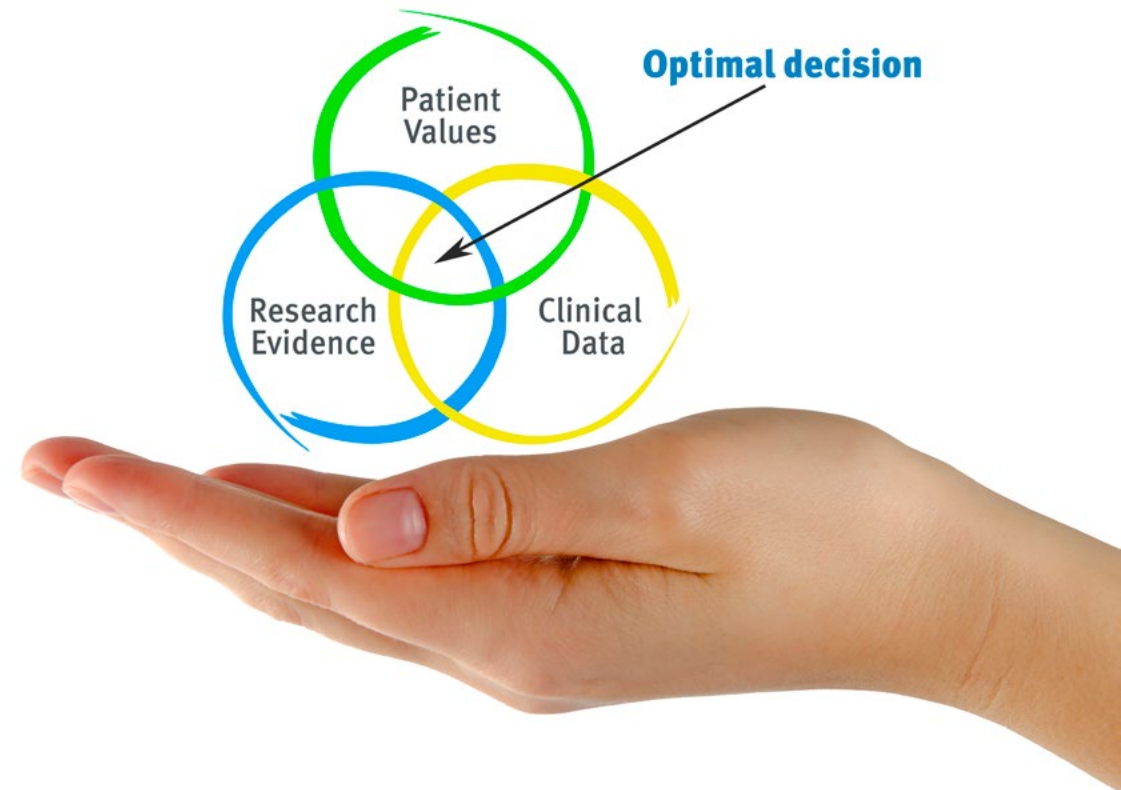
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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. Gervas, 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.

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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.

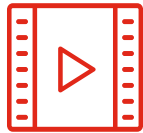
Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

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

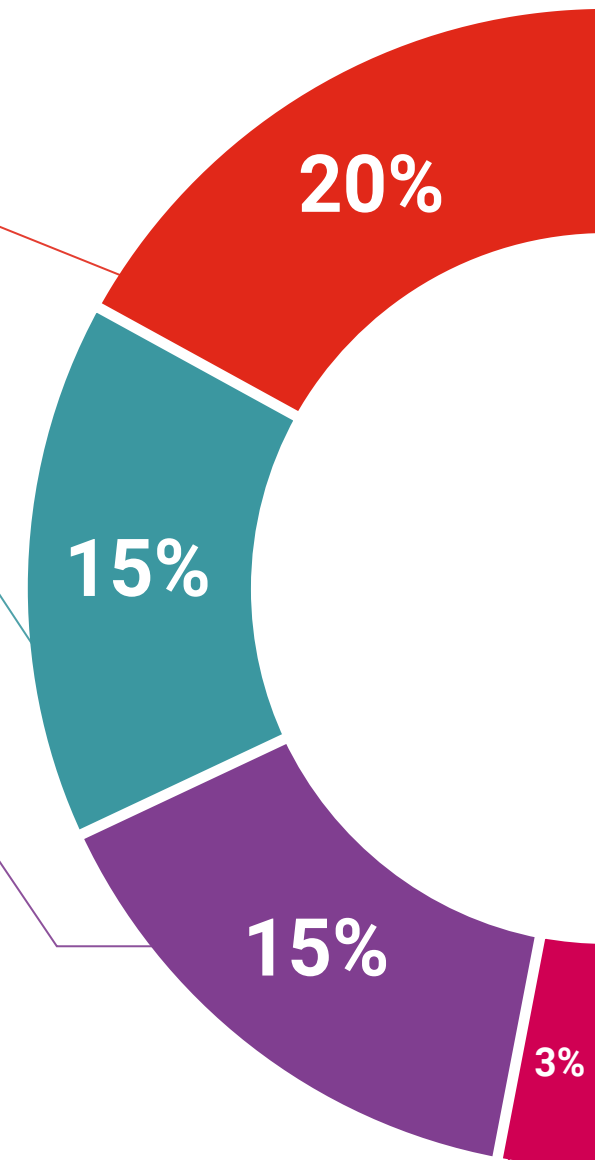
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

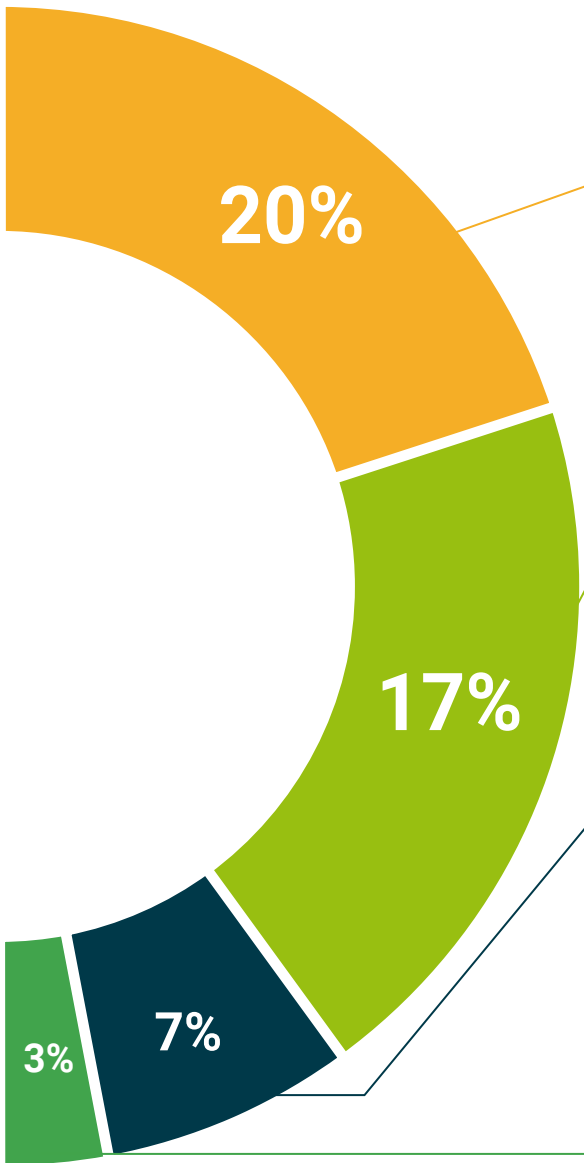
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Ophthalmology in Exotic Animals guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University



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

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