

Postgraduate Diploma

Field Surgical Disorders in Adult Horses





Postgraduate Diploma Field Surgical Disorders in Adult Horses

- » Modality: Online
- » Duration: 6 months.
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-field-surgical-disorders-adult-horses

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 14

04

Structure and Content

p. 24

05

Methodology

p. 34

06

Certificate

p. 42

01

Introduction

This program is a complete review of all the new developments in the diagnosis and treatment of surgical pathologies in the adult horse. This is why the student will be able to delve into the exploration, diagnosis and treatment of pathologies that require procedures and interventions of primary need. On the other hand, it is important that the professionals can identify the new recent updates, so that a priori they can give a first diagnosis and subsequently their intervention will be successful. This is a high-quality program that will propel the professional to the highest levels of excellence.





“

You will learn to master and develop in depth diagnostic imaging techniques and other complementary diagnostic methods in the field"

The exploration, diagnosis and treatment of pathologies that require surgical intervention are among the main occupations in the equine field clinic, so it is important for the veterinarians to update their knowledge of the processes of immediate intervention, so that they can enhance their knowledge of the different needs and areas that require surgery.

Given the needs of equines, veterinarians must know the most important affectations, so this program will help them to identify the most vulnerable parts of the horses, those that are exposed to suffer pathologies that require surgical procedures.

To this extent, this program becomes an inexhaustible source of veterinary information, in which professionals will be able to find different diagnostic, treatment and intervention techniques. Recovery, rehabilitation therapies and postoperative procedures will also be discussed.

Good perioperative management and the use of an adequate surgical technique will make it possible to preserve the patients' life and, in certain cases, their return to sports practice at the previous level, since appropriate treatment will make it possible for the affected anatomical region to maintain normal functionality and for the esthetic results to be optimal.

This **Postgraduate Diploma in Field Surgical Disorders in Adult Horses** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- ◆ The latest technology in online teaching software
- ◆ A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- ◆ Practical cases presented by practising experts
- ◆ State-of-the-art interactive video systems.
- ◆ Teaching supported by telepractice
- ◆ Continuous updating and recycling systems
- ◆ Autonomous learning: full compatibility with other occupations
- ◆ Practical exercises for self-assessment and learning verification
- ◆ Support groups and educational synergies: questions to the expert, debate and knowledge forums.
- ◆ Communication with the teacher and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection.
- ◆ Supplementary documentation databases are permanently available, even after finishing the course.



Join the elite, with this highly effective educational program and open new paths to your professional progress"

“ *A comprehensive preparatory program that will allow you to acquire the most advanced knowledge in all fields of intervention of the equine veterinarian”.*

Our teaching staff is made up of professionals from different fields related to this specialty. In this way we ensure that we deliver the educational update we are aiming for. A multidisciplinary team of professionals with expertise and experience in different areas, will efficiently cover the theoretical knowledge, but above all, will bring practical knowledge from their own experience to the education: one of the factors that makes this program unique.

This mastery of the subject matter is complemented by the effectiveness of the methodological design. 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 easy-to-use and versatile multimedia tools that will give you the necessary skills you need for your specialization.

The design of this program is based on Problem-Based Learning: an approach that views learning as a highly practical process. To achieve this remotely, we will use telepractice learning: with the help of an innovative interactive video system, and *learning from an expert*, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

With the experience of working professionals and the analysis of real cases of success, in a high-impact preparatory approach.

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



02 Objectives

The objective is to prepare highly qualified professionals for work experience. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. This objective is materialized in helping professionals to reach a much higher level of competence and control. A goal that, in just a few months you will be able to achieve, with a high intensity and effective education.





“

If your goal is to reorient your capabilities towards new paths of success and development, this is the place for you: an educational program that aspires to excellence”



General Objectives

- ♦ Identify the different anatomical structures and pathologies of the digestive tract of the horse.
- ♦ Develop and advance in the most frequent procedures to solve oral cavity pathologies.
- ♦ Recognize the symptoms of digestive disorders.
- ♦ Enable the clinician to correctly assess the systemic state of the animal and the consequent severity of the pathology.
- ♦ Establish diagnostic protocols and generate optimized treatments and prognoses.
- ♦ Establish optimal preventive medicine criteria and good management guidelines.
- ♦ Establish an appropriate methodology for the examination of the horse with respiratory or cardiac problems.
- ♦ Identify all clinical signs associated with respiratory or cardiovascular disease in equids.
- ♦ Generate specialized knowledge of respiratory and cardiac auscultation
- ♦ Establish the specific clinical approach to the horse with a respiratory or cardiovascular disorder.
- ♦ Identify the pathologies of the urinary system of the horse.
- ♦ Establish diagnostic protocols to facilitate the recognition of patients with urinary pathology.
- ♦ Expand the alternatives of possible treatments according to pathological situations.
- ♦ Recognize the medical and surgical genital pathologies of the stallion and the dam mare, assess their extent and provide appropriate treatments for recovery and restoration of proper reproductive function.
- ♦ Develop surgical techniques for the resolution of pathologies of the reproductive system that can be performed in the field.





Specific Objectives

Module 1. Locomotor System

- ♦ Identify in depth the pathologies affecting the horse's musculoskeletal system by types of pathologies of the different anatomical regions.
- ♦ Master in depth the correct approach to the clinical case that may be presented. Obtain and control the tools to correctly explore animal patients and correctly interpret the data obtained
- ♦ Develop optimized work schemes and diagnostic protocols.
- ♦ Advanced diagnosis of joint, tendon, bone and muscle pathologies in horses.
- ♦ Master in depth the neural anesthetic blocks, their technique, main advantages and possible disadvantages. Develop proximal blocks and other advanced anesthetic desensitization techniques.
- ♦ Master and develop in depth imaging techniques and other complementary diagnostic methods in the field.
- ♦ Receive education in the latest published therapeutic measures and the latest advances in research in the treatment of locomotor pathologies.
- ♦ Master and develop advanced medical and surgical techniques that can be performed in the field.

Module 2. Surgical Pathologies of the Skin and Related Structures

- ♦ Specify the different types of wounds that can occur in the equine clinic. Identify them and differentiate between acute and chronic pathologies, assess their degree of contamination and/or infection if any, and recognize damaged adnexal structures, assessing whether they are septic or not.
- ♦ Develop knowledge of the different phases of skin healing.
- ♦ Determine the techniques of tissue management, hemostasis, suturing, reconstruction and skin grafting.
- ♦ Set guidelines for the choice of the different types, materials and patterns of suture and needle and drainage models available to the clinician in the field.
- ♦ Establish the different types and materials of bandages, both for wound treatment and immobilization. Select the appropriate dressing or bandage for each clinical situation.
- ♦ Apply the different therapeutic guidelines and reparation procedures and other first aid techniques for acute and fresh wounds.
- ♦ Apply the different therapeutic guidelines and repair procedures for complicated, chronic and infected wounds, contemplating the possibility of the application of alternative procedures and technologies.
- ♦ Indicate the tests to be performed on a patient with a musculoskeletal injury or infection to determine the significance of the injury.

- ◆ Perform correct diagnosis and treatment of synovial and bone infections, and perform joint lavage procedures and regional and intraosseous perfusion of antibiotics in the field.
- ◆ Specify the use of the different tenorrhaphy techniques in order to treat damage and lacerations of tendon and/or ligamentous structures.
- ◆ Present the different causes of exuberant granulation and its treatment.
- ◆ Apply the different therapeutic guidelines in burns and abrasions of different types.

Module 3. Reproductive and Urinary System

- ◆ Increase knowledge of pathologies affecting the urinary system.
- ◆ Recognize and establish protocols for the management of patients with acute renal failure and chronic renal failure.
- ◆ Establish working protocols for patients with post-renal urinary tract pathology.
- ◆ Comprehend the predisposing factors that may condition the appearance this type of pathologies, and expand knowledge on the relevance of prevention.
- ◆ Develop treatment alternatives available to the ambulatory veterinary clinician.
- ◆ Delve into the pathology of the testicles, adnexal glands and penis, as well as their respective treatments.
- ◆ Improve the productive management of the subfertile stallion and mare.
- ◆ Identify and assess possible anomalies in the horse's ejaculate, applying the necessary procedures to guarantee its quality.
- ◆ Identify, treat and prevent parasitic and infectious pathologies of the equine reproductive





system.

- ◆ Develop the pathologies of the female during the mating period and their possible treatments.
- ◆ Develop the pathologies that affect the female during the gestation period and their possible treatments.
- ◆ Develop the pathologies that affect the female during the pre- and post-partum period and their possible treatments
- ◆ Attend to the needs and demands of euthyroid delivery and placental assessment.
- ◆ Develop the procedures involved in the care of dystocic labor and the performance of fetotomy.
- ◆ Develop procedures that include the resolution of possible injuries associated with labor and delivery, such as correction of rectovestibular fistulas, reconstruction of external lacerations and repair of the perineal body.

“

*A path of specialization
and professional growth
that will propel you towards
greater competitiveness in
the labor market”*

03

Course Management

Within the concept of total quality of our program, we are proud to put at your disposal a Teaching Staff of the highest level, chosen for their proven experience. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.





“

Our teaching team, experts in Field Surgical Disorders in Adult Horses, will help you succeed in your profession".

International Guest Director

As one of the foremost veterinary surgeons in equine care, Dr. Andy Fiske-Jackson is the Deputy Director of the Royal Veterinary College Equine in the United Kingdom. This is one of the leading institutions in both equine patient care and veterinary development, education and innovation. This has allowed him to develop in a privileged environment, even receiving the James Bee Educator Awards for excellence in educational work.

In fact, Dr. Andy Fiske-Jackson is also part of the team of surgeons at the Equine Referral Hospital, focusing his work on orthopedic and soft tissue surgery. As such, his main areas of focus are low performance, back pain, dental and sinus issues, digital flexor tendinopathies and regenerative medicine.

In terms of research, his work leans between diagnostic techniques for digital flexor tendinopathies, clinical uses of objective gait analysis and objective assessment of back pain. His efficiency in this field has led him to actively participate in various international events and conferences, including congresses in Portugal, Czech Republic, Finland, Belgium, Hungary, Switzerland, Austria, Germany, Ireland, Spain and Poland.



Dr. Fiske-Jackson, Andy

- ♦ Deputy Director at the Royal Veterinary College Equine. Hertfordshire, United Kingdom
- ♦ Associate Professor of Equine Surgery at the Royal Veterinary College
- ♦ Equine Surgeon at the Equine Referral Hospital. Hertfordshire, United Kingdom
- ♦ Veterinarian at Axe Valley Veterinary
- ♦ Veterinarian at Liphook Equine Hospital
- ♦ Veterinarian at the Humane Society International. Morocco
- ♦ Degree from the University of Liverpool
- ♦ Master's Degree in Veterinary Medicine from the Royal Veterinary College

“

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

Management



Dr. Varela del Arco, Marta

- Clinical veterinarian specialized in Equine Surgery and Sports Medicine
- Head of Large Animal Unit at the Complutense Clinical Veterinary Hospital of Madrid
- Associate Professor, Department of Animal Medicine and Surgery, Complutense University of Madrid
- Head of Large Animal Unit at the Complutense Clinical Veterinary Hospital of Madrid
- Associate Professor of the Department of Animal Medicine and Surgery, UCM
- Teacher in different graduate and postgraduate courses, university specialization programs and master's degrees.
- Director of Final Year Project in the Veterinary Degree and as a member of the tribunal of different doctoral theses.
- PhD in Veterinary Medicine, Complutense University of Madrid
- Spanish Certificate from Equine Clinic (CertEspCEq)



Dr. De la Cuesta Torrado, María

- Veterinarian with clinical specialty in Equine Internal Medicine
- Associate Professor of the Department of Equine Medicine and Surgery at the Cardenal Herrera CEU University of Valencia
- Doctorate in Advanced Studies from the Complutense University of Madrid
- Master's Degree in Equine Internal Medicine by Alfonso X el Sabio University
- Founder of MC Veterinaria
- Member of the Organizing Committee of the 12th European College of Equine Internal Medicine Congress
- Member of the Board of Directors of Spanish Society of Ozone Therapy
- Member of the Equine Clinicians Commission of the Official College of Veterinarians of Valencia.
- Member of the Spanish Association of Equine Veterinarians (AVEE).
- Member of the scientific committee and coordinator of courses and congresses in the field of ozone therapy, supported by continuing education credits (CEC) granted by the National Health System.

Professors

Dr. Carriches Romero, Lucía

- ◆ Outpatient veterinary clinic specializing in Equine Medicine, Surgery, Emergencies and Reproduction
- ◆ Collaborating Professor in Practical Teaching, Department of Animal Medicine and Surgery, Complutense University of Madrid
- ◆ Complutense University of Madrid
- ◆ Contracted external collaborating veterinarian at the Complutense Clinical Veterinary Hospital
- ◆ Degree in Veterinary Medicine from Alfonso X El Sabio University
- ◆ Rotating and Advanced Internships for Equine Specialization at the Complutense Clinical Veterinary Hospital
- ◆ Attendance and publication of posters in national and international congresses

Dr. Goyoaga Elizalde, Jaime

- ◆ DVM; Head of Equine Surgery Service HCVC-UCM
- ◆ Director and veterinarian at the Equine Clinic Jaime Goyoaga SLP
- ◆ Professor in the Master's Degree in Animal Medicine, Health and Improvement: Diagnostic Imaging
- ◆ Professor in the Expert in Principles of Physiotherapy and Animal Rehabilitation of the UCM
- ◆ Co-director and teacher of the Master's Degree in Equine Medicine and Surgery by Improve International
- ◆ Associate Professor in the Department of Animal Medicine and Surgery, Faculty of Veterinary Medicine, Complutense University of Madrid
- ◆ Professor of Medical Pathology and Nutrition, Special Surgery of Large Animals, Equine Pathology and Clinic, Hospitalization, Emergency and Intensive Care in Equine Clinic, Radiology and Diagnostic Imaging





- ◆ Spanish Certificate from Equine Clinic (CertEspCEq)
- ◆ Veterinarian Specialist

Dr. Iglesias García, Manuel

- ◆ Clinical veterinarian and surgeon at the University Hospital of Extremadura
- ◆ Director of Final Year Project in the Veterinary Degree at the University of Extremadura
- ◆ Collaboration in teaching interns and students of the Veterinary Degree during the Master's Degree in Equine Surgery at the University of Extremadura
- ◆ Professor of the Master's Degree in Large Animal Internship at the University of Extremadura
- ◆ Doctor in Veterinary Medicine from Alfonso X El Sabio University
- ◆ Master's Degree in Equine Surgery and obtained the Master's Degree in Equine Surgery and obtaining the title of General Practitioner in Equine Surgery by the European School of Veterinary Postgraduate Studies
- ◆ Professional Master's Degree in Equine Surgery at the Veterinary Hospital of Alfonso X el Sabio University
- ◆ Spanish Certificate in Clinical Equine (CertEspCEq)

Dr. Manso Díaz, Gabriel

- ◆ Clinical veterinarian, member of the Diagnostic Imaging Service at Complutense Veterinary Clinical Hospital
- ◆ Assistant Professor, Department of Animal Medicine and Surgery, Complutense University of Madrid
- ◆ Collaborator in practical teaching in the Department of Animal Medicine and Surgery at the Complutense University of Madrid
- ◆ Regular speaker at courses, workshops and congresses in the field of Equine Diagnostic Imaging
- ◆ PhD in Veterinary from the Complutense University of Madrid

- ♦ Degree in Veterinary Medicine from the Complutense University of Madrid
- ♦ Large Animal Diagnostic Imaging Resident (ECVDI) Equine Referral Hospital, Royal Veterinary College
- ♦ Certified by the European College of Veterinary Diagnostic Imaging (ECVDI) in the specialty of Large Animals

Dr. López San Román, Javier

- ♦ Veterinarian member of the Equine Surgery Service of the Complutense Clinical Veterinary Hospital
- ♦ Professor of the Department of Animal Medicine and Surgery of the Complutense University of Madrid and deputy director of the Department.
- ♦ Assistant Professor at the LRU University School
- ♦ Professor of Veterinary Medicine at national universities (Las Palmas de Gran Canaria, Córdoba and Extremadura) and abroad (University of Trás-os-Montes e Alto Douro, National Veterinary School of Lyon, National University of Litoral in Argentina).
- ♦ Lecturer in different undergraduate and postgraduate courses, university specialization programs and masters, both national and international, and coordinator of different subjects and courses in the Veterinary Degree
- ♦ Reviewer of scientific articles in several journals indexed in the Journal Citation Report
- ♦ Deputy Director of the Department of Animal Medicine and Surgery, UCM
- ♦ PhD in Veterinary from the Complutense University of Madrid
- ♦ Certified by the European College of Equine Veterinary Surgery

Dr. Muñoz Morán, Juan Alberto

- ♦ Head of Equine Surgery at the Sierra de Madrid Veterinary Hospital
- ♦ Editor of the Journal of Equine Veterinary Medicine and Surgery Equinus
- ♦ Equine surgery clinician at the Montreal Veterinary University.

- ♦ Equine surgery clinician at the Veterinary University of Lyon
- ♦ Partner Surgeon at Grand Renaud Veterinary Clinic
- ♦ Surgeon at the Equine Hospital of Aznalcóllar
- ♦ Professor and coordinator of several university programs, both theoretical and practical, at the Veterinary University of Pretoria and at the Alfonso X El Sabio University
- ♦ Head of the Postgraduate Program in Sports Medicine and Equine Surgery at Alfonso X El Sabio University
- ♦ Doctor of Veterinary Science from the Complutense University of Madrid
- ♦ Certified by the European College of Veterinary Surgeons
- ♦ Diploma in Experimental Animals Category C from the University of Lyon
- ♦ Master's Degree in Veterinary Science from the University Alfonso X el Sabio
- ♦ Residency in Large Animal Surgery at the Veterinary University of Lyon
- ♦ Internship in Equine Surgery at London Equine Hospital
- ♦ Internship in Equine Medicine and Surgery at the Veterinary University of Lyon
- ♦ Member of the Examination Committee of the European College of Veterinary Surgeons.

Dr. Aguirre Pascasio, Carla

- ♦ Veterinary specialist in equine clinical care and soft tissue surgery
- ♦ Doctor in Veterinary Medicine from the University of Murcia
- ♦ Postgraduate degree in equine physiotherapy from the University of Barcelona
- ♦ Master in Business and Administration by ENAE Business School, Murcia
- ♦ Certificate in Internal Medicine from the Royal Veterinary College of London and by the University of Liverpool
- ♦ Certified in Soft Tissue Surgery by the Royal Veterinary College of London and by the University of Liverpool

- ◆ Spanish Certificate in Equine Clinical Practice from the Spanish Veterinary Council
- ◆ Board Eligible in the ECEIM (European College of Equine Internal Medicine) Fellowship in the Equine Hospital Casal do Rio

Dr. Domínguez Gimbernat, Mónica

- ◆ Clinical equine veterinarian specialized in Internal Medicine and Reproduction
- ◆ Clinical veterinarian of the Reproduction Service of the Complutense Clinical Veterinary Hospital
- ◆ PhD in Veterinary Medicine, Complutense University of Madrid
- ◆ Official Master's Degree in Veterinary Science
- ◆ Spanish Certificate in Equine Clinic
- ◆ Associate Professor, Department of Animal Medicine and Surgery, Complutense University of Madrid
- ◆ Collaborating Professor in Practical Teaching, Department of Animal Medicine and Surgery, Complutense University of Madrid
- ◆ Teaching experience in Veterinary Technical Assistant (VTA) training in private academies (IDEA) and other courses in the COVECA center (Equine Reproduction Center, Toledo)

“

Take the first step to get up to date on the latest developments in Field Surgical Pathology in Adult Horses”

04

Structure and Content

The contents have been developed by its different experts, with a clear purpose: to ensure that our students acquire each and every one of the skills necessary to become a Postgraduate Diploma in this field. A complete and well-structured program that will take you to the highest standards of quality and success.





“

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

Module 1. Locomotor System

- 1.1. Examination and Diagnosis of Lameness
 - 1.1.1. Introduction
 - 1.1.1.1. Definition of Lameness
 - 1.1.1.2. Causes and Types of Lameness
 - 1.1.1.3. Symptoms of Lameness
 - 1.1.2. Static Examination of Lameness
 - 1.1.2.1. Medical History
 - 1.1.2.2. Approach to the Horse and General Examination
 - 1.1.2.2.1. Visual Examination: General Condition and Conformation
 - 1.1.2.2.2. Static Physical Examination, Palpation, Percussion and Flexion
 - 1.1.3. Dynamic Examination of Lameness
 - 1.1.3.1. Examination in Motion
 - 1.1.3.2. Flexion Test
 - 1.1.3.3. Assessment and Quantification of Lameness Objective and Subjective Methods
 - 1.1.3.4. Introduction to Neural Anesthetic Blocks
 - 1.1.4. Introduction to Complementary Diagnostic Methods
- 1.2. Anesthetic Nerve Blocks
 - 1.2.1. Diagnostic Loco-Regional Analgesia: Introduction
 - 1.2.1.1. General Considerations and Pre-Diagnostic Requirements
 - 1.2.1.2. Types of Blockages and Injection Techniques
 - 1.2.1.3. Drugs to be Used
 - 1.2.1.4. Election of Blockages
 - 1.2.1.5. Approach to the Patient
 - 1.2.1.5.1. Patient Management and Preparation
 - 1.2.1.5.2. Chemical Containment
 - 1.2.1.6. Evaluation of Results
 - 1.2.1.6.1. Subjective Assessment
 - 1.2.1.6.2. Objective Assessment
 - 1.2.1.7. Complications
 - 1.2.2. Perineural Anesthetic Blocks
 - 1.2.2.1. Perineural Analgesia in the Forelimb
 - 1.2.2.2. Perineural Analgesia in the Hindlimb
 - 1.2.3. Regional Anesthetic Blocks
 - 1.2.4. Intrasynovial Anesthetic Blocks
 - 1.2.4.1. Intra-Articular Blocks
 - 1.2.4.2. Bursa and Tendon Sheath Blocks
- 1.3. Diagnostic Imaging of Lameness
 - 1.3.1. Introduction to Diagnostic Imaging in the Field
 - 1.3.2. Technical Basis
 - 1.3.2.1. Radiology
 - 1.3.2.2. Ultrasound
 - 1.3.2.3. Advanced Techniques.
 - 1.3.2.3.1. Gammagraphy.
 - 1.3.2.3.2. Magnetic Resonance
 - 1.3.2.3.3. Computerized Tomography
 - 1.3.3. Bone Pathology Diagnosis
 - 1.3.4. Joint Pathology Diagnosis
 - 1.3.5. Diagnosis of Tendon and Ligament Pathology
- 1.4. Pathologies of the Axial Skeleton Diagnosis and Treatment
 - 1.4.1. Introduction to Axial Skeletal Pathology
 - 1.4.2. Axial Skeleton Exploration
 - 1.4.3. Cervical Spine Diagnosis
 - 1.4.4. Diagnosis of the Thoracolumbar and Sacroiliac Spine
 - 1.4.5. Axial Skeleton Pathology Treatment
- 1.5. Degenerative Joint Disease (DJD) Traumatic Arthritis and Post-Traumatic Osteoarthritis Etiology, Diagnosis and Treatment
 - 1.5.1. Anatomy and Physiology of the Joints
 - 1.5.2. Definition of EDA
 - 1.5.3. Cartilage Lubrication and Repair
 - 1.5.4. DJD Manifestations
 - 1.5.4.1. Acute Injuries

- 1.5.4.2. Chronic Fatigue Injuries
 - 1.5.5. DJD Diagnosis
 - 1.5.5.1. Clinical Examination
 - 1.5.5.2. Objective and Subjective Examination of Lameness
 - 1.5.5.3. Diagnostic Anesthesia
 - 1.5.5.4. Diagnostic Imaging
 - 1.5.5.4.1. Radiology
 - 1.5.5.4.2. Ultrasound
 - 1.5.5.4.3. Magnetic Resonance Imaging and Computerized Axial Tomography
 - 1.5.5.4.4. New Technologies
 - 1.5.6. Treatment of DJD
 - 1.5.6.1. Nonsteroidal Anti-Inflammatories
 - 1.5.6.2. Steroid Anti-Inflammatories
 - 1.5.6.3. Hyaluronic Acid
 - 1.5.6.4. Glucosaminoglycans
 - 1.5.6.5. Pentosan
 - 1.5.6.6. Biological Therapies
 - 1.5.6.6.1. Autologous Conditioned Serum
 - 1.5.6.6.2. Platelet Rich Plasma
 - 1.5.6.6.3. Stem Cells
 - 1.5.6.7. Oral Supplements
 - 1.6. Tendinitis, Desmitis and Adjacent Structures Pathologies
 - 1.6.1. Applied Anatomy and Tendon Damage Pathophysiology
 - 1.6.2. Alterations of Tendons, Ligaments and Associated Structures
 - 1.6.2.1. Soft Tissues of the Pastern
 - 1.6.2.2. Superficial Digital Flexor Tendon (SDFT)
 - 1.6.2.3. Deep Digital Flexor Tendon (DDFT)
 - 1.6.2.4. Inferior Accessory Ligament of the TFDSF
 - 1.6.2.5. Suspensory Ligament of the Fetlock (SL)
 - 1.6.2.5.1. Proximal part of the SL
 - 1.6.2.5.2. SL Body
 - 1.6.2.5.3. SL Branches
 - 1.6.2.6. Carpal Canal and Carpal Sheath
 - 1.6.2.7. Tarsal Sheath
 - 1.6.2.8. Plantar Fasciitis
 - 1.6.2.9. Bursitis
 - 1.6.3. Management of Tendon and Ligament Injuries
 - 1.6.3.1. Medical Therapy
 - 1.6.3.2. Regenerative Therapies
 - 1.6.3.2.1. Stem Cell and Bone Marrow Therapies
 - 1.6.3.2.2. Platelet-Rich Plasma Therapy
 - 1.6.3.3. Shock Waves and Other Physical Therapies
 - 1.6.3.4. Surgical Therapies
 - 1.6.3.5. Rehabilitation and Return to Work Guidelines
- 1.7. Fractures. Bone Sequestration
 - 1.7.1. First Approach to Fractures, General Considerations Bone Sequestration
 - 1.7.1.1. Introduction
 - 1.7.1.1.1. First Aid for Fractures in Horses
 - 1.7.1.1.2. Case Selection, General Considerations
 - 1.7.1.1.3. Immobilization of Fractures According to Location
 - 1.7.1.2. Transport
 - 1.7.1.2.1. Transporting an Equine Patient for Fracture Treatment
 - 1.7.1.3. Prognosis
 - 1.7.1.4. Bone Sequestration
 - 1.7.2. Rehabilitation and Return to Work Guidelines
 - 1.7.2.1. In Fractures
 - 1.7.2.2. In Bone Sequestration
- 1.8. Laminitis
 - 1.8.1. Pathophysiology of Laminitis
 - 1.8.2. Clinical of Laminitis
 - 1.8.3. Diagnosis of Laminitis
 - 1.8.3.1. Physical Examination
 - 1.8.3.2. Diagnostic Imaging

- 1.8.3.3. Endocrine and Metabolic Assessment
- 1.8.4. Medical Treatment of Laminitis
 - 1.8.4.1. Anti-Inflammatories
 - 1.8.4.2. Vasoactive Drugs
 - 1.8.4.3. Analgesia
 - 1.8.4.4. Hypothermia.
 - 1.8.4.5. Sepsis
 - 1.8.4.6. Pituitary Pars Intermedia Dysfunction (PPID) and Equine Metabolic Syndrome (EMS)
- 1.8.5. Stabilization of the Third Phalanx
 - 1.8.5.1. Sole Support Techniques
 - 1.8.5.2. Therapeutic Horseshoeing
- 1.8.6. Treatment of Laminitis
 - 1.8.6.1. Use of Casts
 - 1.8.6.2. Flexor Digitorum Superficialis Tenotomy
 - 1.8.6.3. Dorsal Wall Resection
 - 1.8.6.4. Complications
- 1.8.7. Chronic Laminitis
- 1.8.8. Laminitis Prevention
- 1.9. Orthopedic Field Surgery
 - 1.9.1. Fractures of Rudimentary Metacarpals/Metatarsals
 - 1.9.1.1. Clinical History, Symptomatology and Different Presentations
 - 1.9.1.2. Diagnostic Techniques
 - 1.9.1.3. Decision Making and Optimal Treatment
 - 1.9.1.4. Surgical Management
 - 1.9.1.5. Complications to Surgery
 - 1.9.1.6. Post-Operative Care
 - 1.9.1.7. Rehabilitation and Return to Work Guidelines
 - 1.9.2. Demotomies
 - 1.9.2.1. Medical History
 - 1.9.2.2. Decision Making
 - 1.9.2.3. Surgical Management
 - 1.9.2.4. Complications of Demotomies
 - 1.9.2.5. Post-Operative Care
 - 1.9.2.6. Rehabilitation and Return to Work Guidelines
 - 1.9.3. Neurectomies
 - 1.9.3.1. Indications
 - 1.9.3.2. Pre-Surgical Considerations and Implications
 - 1.9.3.3. Surgical Technique
 - 1.9.3.4. Complications
 - 1.9.3.5. Post-Operative Care
 - 1.9.3.6. Rehabilitation and Return to Work Guidelines
- 1.10. Myopathies in the Horse
 - 1.10.1. Genetic and Congenital Diseases
 - 1.10.1.1. Myotonia
 - 1.10.1.2. Myopathy due to Polysaccharide Storage
 - 1.10.1.3. Malignant Hyperthermia
 - 1.10.1.4. Hyperkalemic Periodic Paralysis
 - 1.10.2. Traumatic and Irritative Alterations
 - 1.10.2.1. Fibrotic Myopathy
 - 1.10.2.2. Bruises and Tears
 - 1.10.2.3. Intramuscular Irritant Injections
 - 1.10.3. Infectious Diseases
 - 1.10.3.1. Abscesses.
 - 1.10.3.2. Clostridial Myositis
 - 1.10.4. Ischemic Diseases
 - 1.10.4.1. Post-Anesthetic Myositis
 - 1.10.5. Nutritional Diseases
 - 1.10.5.1. Malnutrition
 - 1.10.5.2. Vitamin E and Selenium Alterations
 - 1.10.5.3. Cachectic Atrophy
 - 1.10.6. Pathologies Associated with Exercise
 - 1.10.6.1. Acute Exertional Rhabdomyolysis
 - 1.10.6.2. Recurrent Exertional Rhabdomyolysis

1.10.6.3. Hypokinetic Atrophy

Module 2. Surgical Pathologies of the Skin and Related Structures


- 2.1. Exploration and Wound Types
 - 2.1.1. Anatomy
 - 2.1.2. Initial Assessment and Emergency Treatment
 - 2.1.3. Wound Classification
 - 2.1.4. Wound Healing Process
 - 2.1.5. Factors Influencing Wound Infection and Wound Healing
 - 2.1.6. Primary and Secondary Intention Wound Healing
- 2.2. Tissue Management, Hemostasis and Suture Techniques
 - 2.2.1. Incision and Tissue Dissection
 - 2.2.2. Hemostasis
 - 2.2.2.1. Mechanical Hemostasis
 - 2.2.2.2. Ligatures
 - 2.2.2.3. Tourniquet
 - 2.2.2.4. Electrocoagulation
 - 2.2.2.5. Chemical Hemostasis
 - 2.2.3. Tissue Management, Irrigation and Suctioning
 - 2.2.4. Suture Materials Used
 - 2.2.4.1. Instruments
 - 2.2.4.2. Suture Material Selection
 - 2.2.4.3. Needles
 - 2.2.4.4. Drainages
 - 2.2.5. Approaches to Wound Suturing
 - 2.2.6. Suture Patterns
- 2.3. Bandages
 - 2.3.1. Materials and Bandage Types
 - 2.3.2. Hull Bandage
 - 2.3.3. Distal Extremity Bandage
 - 2.3.4. Full Limb Bandage
 - 2.3.5. Fiberglass Cast. Application and Peculiarities in Young Animals
- 2.4. Acute Wound Repair
 - 2.4.1. Wound Treatment Medication
 - 2.4.2. Debriding
 - 2.4.3. Emphysema Secondary to Wounds
 - 2.4.4. Negative Pressure Therapy
 - 2.4.5. Topical Treatment Types
- 2.5. Repair and Management of Chronic and/or Infected Wounds
 - 2.5.1. Particularities of Chronic and Infected Wounds
 - 2.5.2. Causes of Chronic Wounds
 - 2.5.3. Management of Severely Contaminated Wounds
 - 2.5.4. Laser Benefits
 - 2.5.5. Larvotherapy
 - 2.5.6. Cutaneous Fistulas Treatment
- 2.6. Hoof Wound Treatment Regional and Intraosseous Perfusion of Antibiotics
 - 2.6.1. Hoof Wounds
 - 2.6.1.1. Coronary Buckle Wounds
 - 2.6.1.2. Heel Wounds
 - 2.6.1.3. Puncture Wounds on the Palm
 - 2.6.2. Antibiotic Perfusion
 - 2.6.2.1. Regional Perfusion
 - 2.6.2.2. Intraosseous Perfusion
- 2.7. Management and Repair of Synovial Wounds and Joint Lavage
 - 2.7.1. Pathophysiology of Synovial Infection
 - 2.7.2. Epidemiology and Diagnosis of Synovial Wound Infections
 - 2.7.3. Synovial Wound Treatment Joint Lavage
 - 2.7.4. Synovial Wound Prognosis
- 2.8. Tendon Lacerations Management and Repair
 - 2.8.1. Introduction, Anatomy, Anatomical Implications
 - 2.8.2. Primary care, Examination of the Injury, Immobilization
 - 2.8.3. Case Selection: Surgical or Conservative Treatment
 - 2.8.4. Tendon Lacerations Surgical Repair
 - 2.8.5. Rehabilitation and Return to Work Guidelines after Tenorrhaphy
- 2.9. Reconstructive Surgery and Skin Grafting
 - 2.9.1. Principles of Basic and Reconstructive Surgery
 - 2.9.1.1. Skin Tension Lines
 - 2.9.1.2. Incision Orientation and Suture Patterns

- 2.9.1.3. Tension Release Techniques and Plasties
- 2.9.2. Closure of Skin Defects of Different Shapes
- 2.9.3. Skin Grafts
- 2.10. Treatment of Exuberant Granulation Tissue Sarcoid Burns
 - 2.10.1. Causes of the Appearance of Exuberant Granulation Tissue
 - 2.10.2. Treatment of Exuberant Granulation Tissue
 - 2.10.3. Sarcoid Appearance in Wounds
 - 2.10.3.1. Wound Associated Sarcoid Type

Module 3. Reproductive and Urinary System

- 3.1. Urinary System Assessment
 - 3.1.1. Hematological and Biochemical Parameters Related to the Renal System
 - 3.1.2. Urinalysis
 - 3.1.3. Diagnostic Methods in the Urinary System
 - 3.1.3.1. Ultrasound of the Urinary System
 - 3.1.3.2. Endoscopy of the Urinary System
 - 3.1.3.3. Renal Biopsy.
 - 3.1.3.4. Water Deprivation Test
- 3.2. Urinary System Pathologies
 - 3.2.1. Acute Renal Failure
 - 3.2.1.1. Causes of Acute Renal Insufficiency
 - 3.2.1.2. Treatment of Acute Renal Insufficiency
 - 3.2.2. Chronic Renal Failure
 - 3.2.2.1. Causes of Chronic Renal Insufficiency
 - 3.2.2.2. Treatment of Chronic Renal Insufficiency
 - 3.2.3. Urinary Tract Infections
 - 3.2.3.1. Urethritis, Cystitis, Pyelonephritis and their Treatment
 - 3.2.3.2. Treatment of Urinary Tract Infections
 - 3.2.4. Obstructive Pathology of the Urinary Tract
 - 3.2.4.1. Obstructive Pathology Types
 - 3.2.4.2. Treatment
 - 3.2.5. Polyuria and Polydipsia



- 
- 3.2.6. Urinary Incontinence and Bladder Dysfunction
 - 3.2.7. Urinary Tract Tumors
 - 3.3. Medical Pathologies of the Male Genitalia
 - 3.3.1. Introduction to the Medical Pathology of the Stallion
 - 3.3.2. Testicular Pathology in the Stallion
 - 3.3.2.1. Handling and Treatment of the Cryptorchid Stallion
 - 3.3.2.2. Testicular Inflammatory Disorders
 - 3.3.2.3. Management of Testicular Degeneration in the Stallion
 - 3.3.2.4. Hydrocele Management
 - 3.3.2.5. Testicular Neoplasms in the Stallion
 - 3.3.2.6. Testicular Torsion in the Stallion
 - 3.3.3. Penile Pathologies
 - 3.3.3.1. Penile Trauma Management
 - 3.3.3.2. Penile Tumor Developments
 - 3.3.3.3. Paraphimosis
 - 3.3.3.4. Priapism
 - 3.3.4. Pathology of Adnexal Glands
 - 3.3.4.1. Ultrasound and Assessment of Adnexal Glands
 - 3.3.4.2. Vesiculitis, Management and Treatment
 - 3.3.4.3. Adnexal Gland Obstruction
 - 3.3.5. Ejaculate Alterations
 - 3.3.5.1. Seminal Assessment
 - 3.3.5.2. Factors Affecting Fertility
 - 3.3.5.3. Sub-fertile Semen Management
 - 3.3.5.3.1. Semen Centrifugation for Quality Improvement
 - 3.3.5.3.2. Seminal Plasma Substitution
 - 3.3.5.3.3. Semen Filtration to Improve Quality
 - 3.3.5.3.4. Low-Quality Semen Cooling Protocols
 - 3.3.6. Alterations in Stallion Behavior and Mating Management
 - 3.3.7. Advances in Assisted Reproduction in Stallions
 - 3.3.7.1. Seminal Freezing

- 3.3.7.2. Epididymal Sperm Retrieval after Death or Castration
- 3.4. Male Field Surgical Procedures
 - 3.4.1. Castration
 - 3.4.1.1. Introduction and Considerations of Castration in Males
 - 3.4.1.1.1. Patient Selection
 - 3.4.1.2. Castration Surgical Techniques
 - 3.4.1.2.1. Open Castration
 - 3.4.1.2.2. Closed Castration
 - 3.4.1.2.3. Semi-Closed or Semi-Open Castration
 - 3.4.1.3. Variations in Surgical Technique
 - 3.4.1.3.1. Different Hemostasis Options
 - 3.4.1.3.2. Primary Skin Closure
 - 3.4.1.4. On-Station Castration Considerations
 - 3.4.1.4.1. Sedation
 - 3.4.1.5. Considerations for Castration under General Anesthetic
 - 3.4.1.6. Inguinal Cryptorchidism
 - 3.4.1.6.1. Presurgical Diagnosis
 - 3.4.1.6.2. Surgical Technique
 - 3.4.2. Penile Amputation
 - 3.4.2.1. Indications
 - 3.4.2.2. Post-Surgical Procedure and Considerations
- 3.5. Medical and Surgical Pathologies of the Female Genitalia I
 - 3.5.1. Medical Pathologies I
 - 3.5.1.1. Ovarian Pathology
 - 3.5.1.1.1. Ovulation Disorders
 - 3.5.1.1.2. Ovarian Tumors.
 - 3.5.1.2. Fallopian Tubes Disorders
 - 3.5.1.3. Medical Uterine Pathology
 - 3.5.1.3.1. Preparation and Procedure for Sample Collection
 - 3.5.1.3.1.1. Cytology
 - 3.5.1.3.1.2. Biopsy
 - 3.5.1.3.2. Types of Endometritis
 - 3.5.1.3.3. Management of the Mare with Uterine Fluid
 - 3.5.1.3.4. Management of Mares with Uterine Cysts
- 3.6. Medical and Surgical Genital Pathologies of the Mare II
 - 3.6.1. Medical Pathologies II
 - 3.6.1.1. Cervical Pathology
 - 3.6.1.1.1. Cervical Lacerations
 - 3.6.1.1.2. Cervical Adherences
 - 3.6.1.2. Medical Pathology of the Vagina
 - 3.6.1.3. Reproductive Management of the Geriatric Mare
 - 8.6.1.4. Update on Assisted Reproduction in the Mare
 - 3.6.2. Surgical Pathologies of the Mare
 - 3.6.2.1. Normal Vulvar Conformation of the Mare
 - 3.6.2.1.1. Vulvar Examination of the Mare
 - 3.6.2.1.2. Caslick Index
 - 3.6.2.2. Vulvoplasty
 - 3.6.2.2.1. Caslick Surgery Procedure
- 3.7. Pregnant Mare and Care at Foaling
 - 3.7.1. Mare Gestation
 - 3.7.1.1. Diagnosis of Pregnancy in the Mare
 - 3.7.1.2. Management of Early and Late Multiple Gestation New Techniques
 - 3.7.1.3. Embryo Sexing
 - 3.7.2. Complications During Gestation in the Mare
 - 3.7.2.1. Abortion
 - 3.7.2.1.1. Early Abortion
 - 3.7.2.1.2. Late Miscarriage
 - 3.7.2.2. Uterine Torsion
 - 3.7.2.3. Management and Treatment of Placentitis
 - 3.7.2.4. Management of Placental Abruption
 - 3.7.3. Nutritional Needs of the Pregnant Mare
 - 3.7.4. Ultrasound Evaluation of the Fetus
 - 3.7.4.1. Ultrasound Evaluation at Different Stages of Gestation
 - 3.7.4.2. Fetal Biometry
 - 3.7.5. Methods for Predicting Foaling in the Full-Term Mare
 - 3.7.6. Euthyroid Labor and Delivery

- 3.7.6.1. Phases of Euthyroid Labor and Delivery
- 3.8. Complications of Childbirth and Postpartum Care
 - 3.8.1. Dystocic Labor and Delivery
 - 3.8.1.1. Material Necessary for the Resolution of Dystocia
 - 3.8.1.2. Types of Dystocia and Management of Different Fetal Presentations
 - 3.8.2. Peripartum Surgical Emergencies
 - 3.8.2.1. Fetotomy
 - 3.8.2.1.1. Fetotome
 - 3.8.2.1.2. Preparation of the Mare for the Procedure
 - 3.8.2.1.3. Fetotomy in the Field Vs. In the Hospital
 - 3.8.2.2. Cesarean Section
 - 3.8.2.3. Hemorrhage of the Ankle Ligament
 - 3.8.2.4. Uterine Laceration
 - 3.8.2.5. Prepubic Tendon Rupture
 - 3.8.2.6. Rectovaginal Fistula
 - 3.8.3. Postpartum Care
 - 3.8.3.1. Control of Uterine Involution and Establishment of the Postpartum Cycle
 - 3.8.4. Postpartum Complications
 - 3.8.4.1. Placenta Retention
 - 3.8.4.2. 8.8.4.2 Vaginal Lacerations
 - 3.8.4.3. 8.8.4.3 Uterine Bleeding
 - 3.8.4.4. Uterine Prolapse
 - 3.8.4.5. Rectal Prolapse
 - 3.8.4.6. 8.8.4.6 Vulvar Hematoma
 - 3.8.4.7. Uterine Horn Invagination
- 3.9. Repair of Tears and Lacerations during Labor and Delivery
 - 3.9.1. Management of Vulvar Tears and Lacerations during Labor and Delivery
 - 3.9.2. Classification of Perineal Lacerations
 - 3.9.3. Reconstruction of the Perineal Body
 - 3.9.3.1. Surgical Preparation of the Mare
 - 3.9.3.2. Vaginal Vestibule Sphincter Insufficiency
 - 3.9.3.2.1. Perineal Body Reconstruction, Vestibuloplasty
 - 3.9.3.2.2. Perineal Body Transverse Section, Perineoplasty
 - 3.9.3.2.2.1. Pouret's Surgery
 - 3.9.3.3. Postoperative Care
 - 3.9.3.4. Complications of Perineal Surgery
 - 3.9.4. Surgical Management of Third-Degree Rectovaginal Tearing
 - 3.9.5. Surgical Management of Rectovaginal Fistulas
- 3.10. Infectious and Parasitic Diseases of the Reproductive System in Equines
 - 3.10.1. Introduction to Infectious and Parasitic Diseases of the Reproductive System in Equines
 - 3.10.2. Economic and Productive Significance of Infectious and Parasitic Diseases
 - 3.10.3. Infectious Diseases of the Reproductive Tract
 - 3.10.3.1. Mycoplasmas
 - 3.10.3.2. Contagious Equine Metritis Procedure of Sample Collection for the Determination of Contagious Equine Metritis
 - 3.10.3.3. Equine Viral Arteritis
 - 3.10.3.4. Equine Rhinopneumonitis
 - 3.10.3.5. Leptospirosis.
 - 3.10.3.6. Brucellosis
 - 3.10.4. Parasitic Diseases of the Reproductive Tract
 - 3.10.4.1. Habronemiasis
 - 3.10.4.2. Durina



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

05 Methodology

This 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.





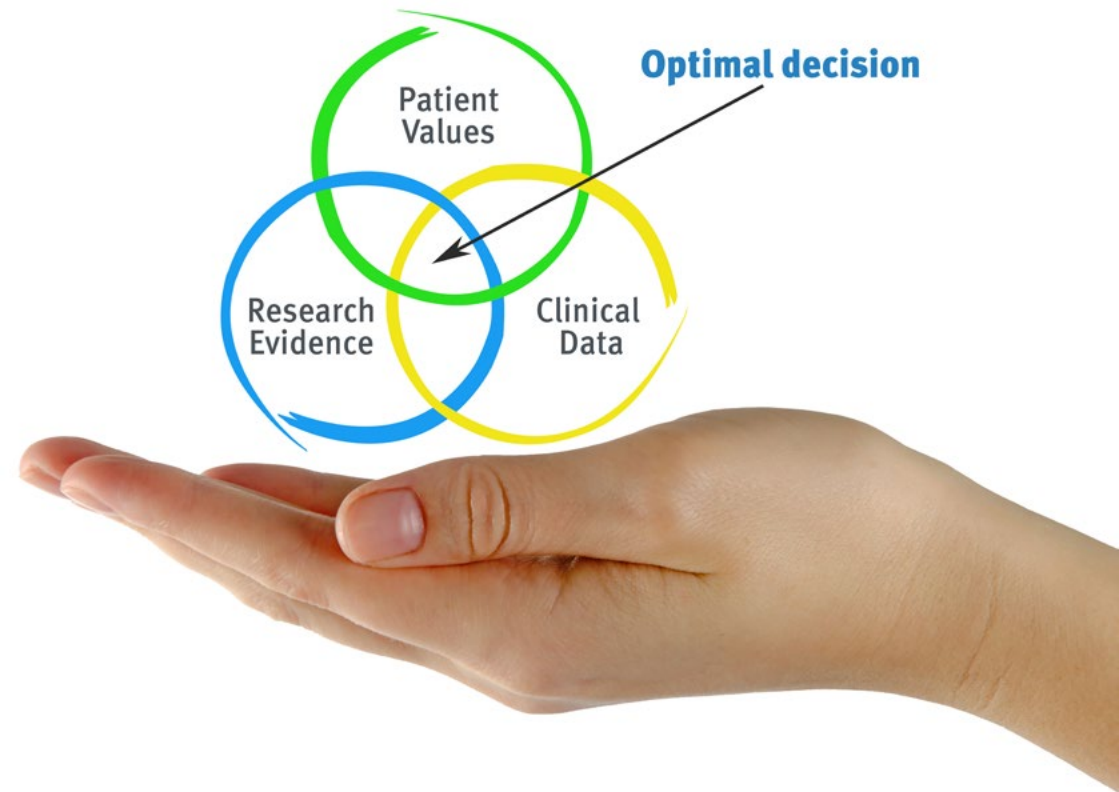
“

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 assess 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. 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 program.

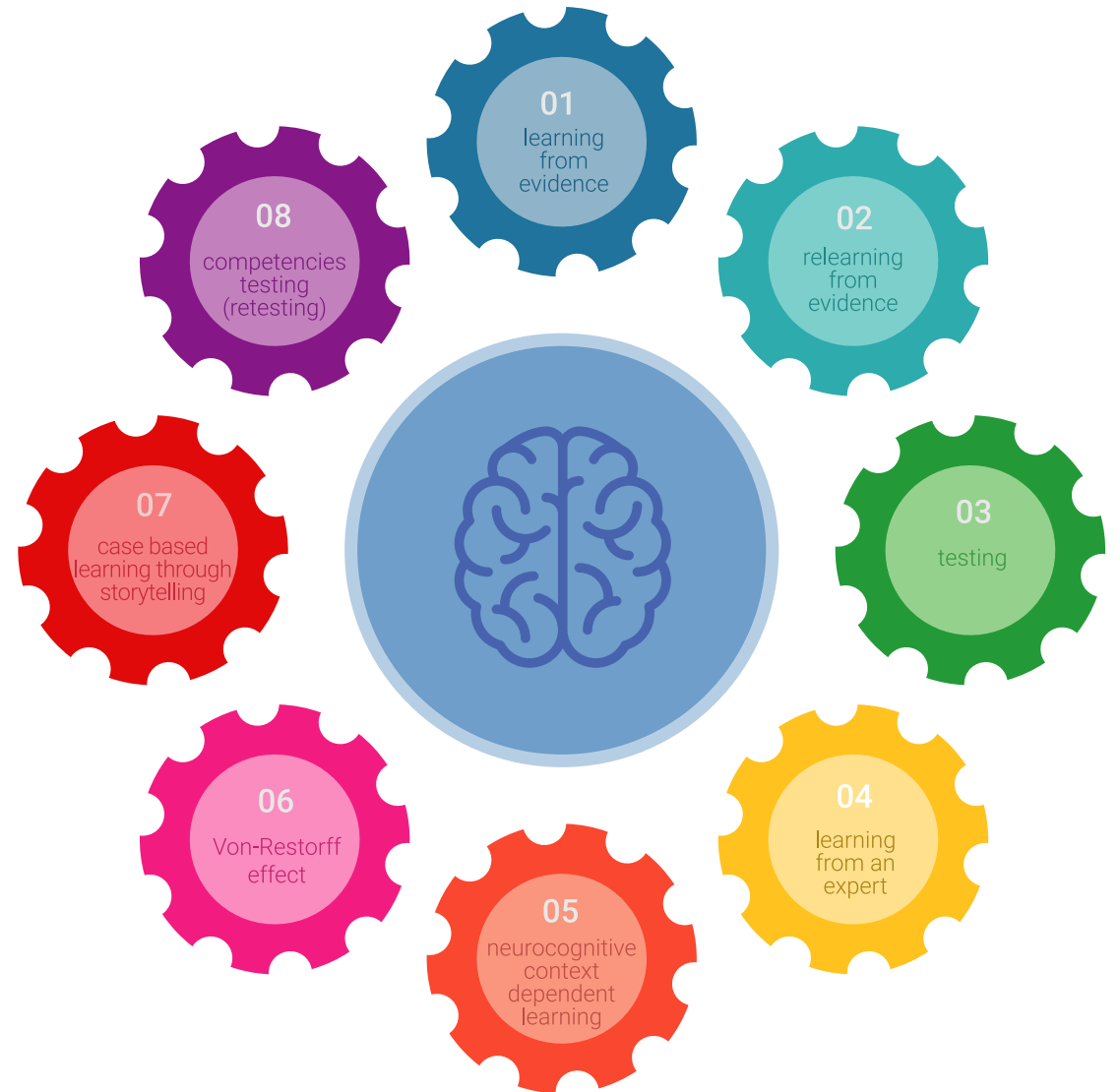


Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

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 prepared 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.

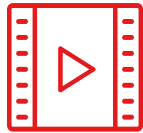
Relearning will allow you to learn with less effort and better performance, involving you more in your education, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

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 adapted in 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

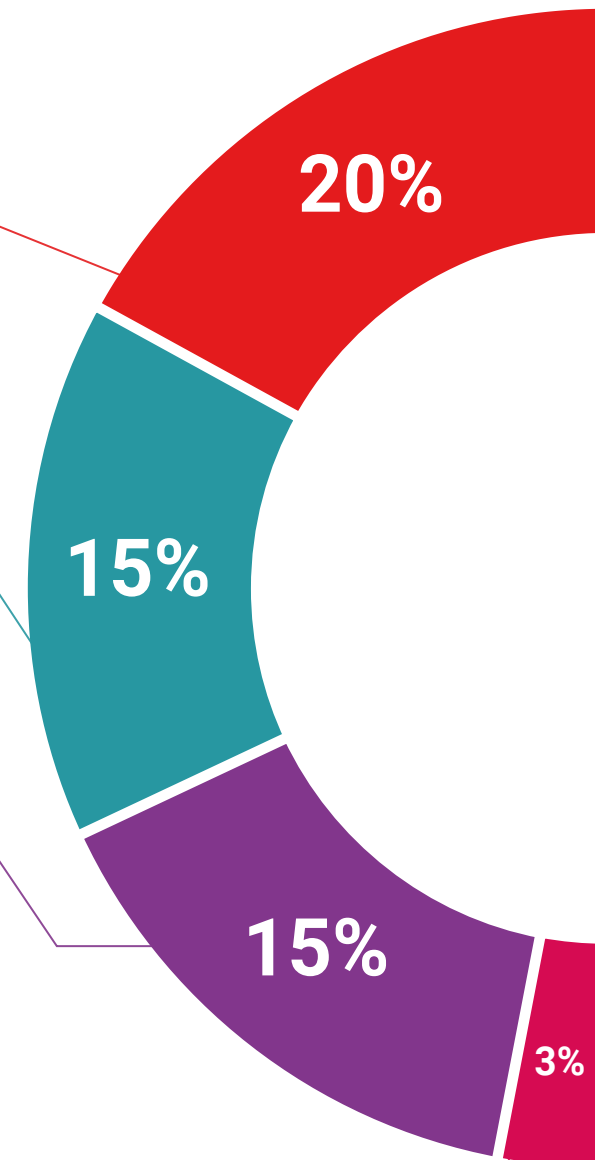
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

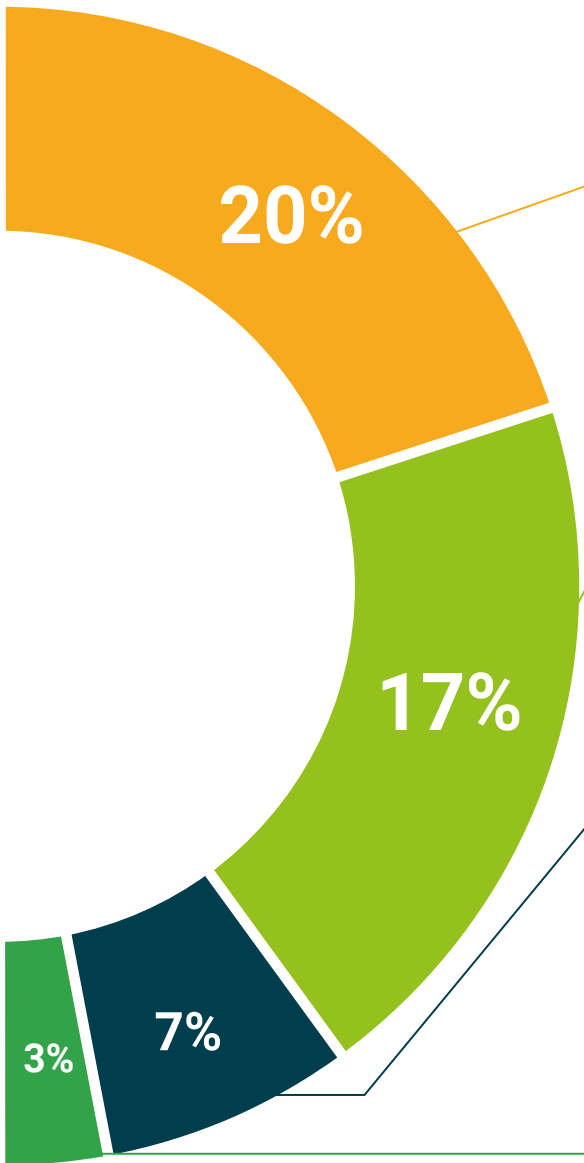
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 assess and re-assess 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 Field Surgical Disorders in Adult Horses guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



A photograph of several black graduation caps (mortarboards) against a bright blue sky with light, wispy clouds. The caps are positioned at various angles, some in the foreground and some in the background, creating a sense of depth. The image is partially overlaid by a large white diagonal shape that extends from the bottom left towards the top right, and a teal shape that covers the top right corner.

“

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

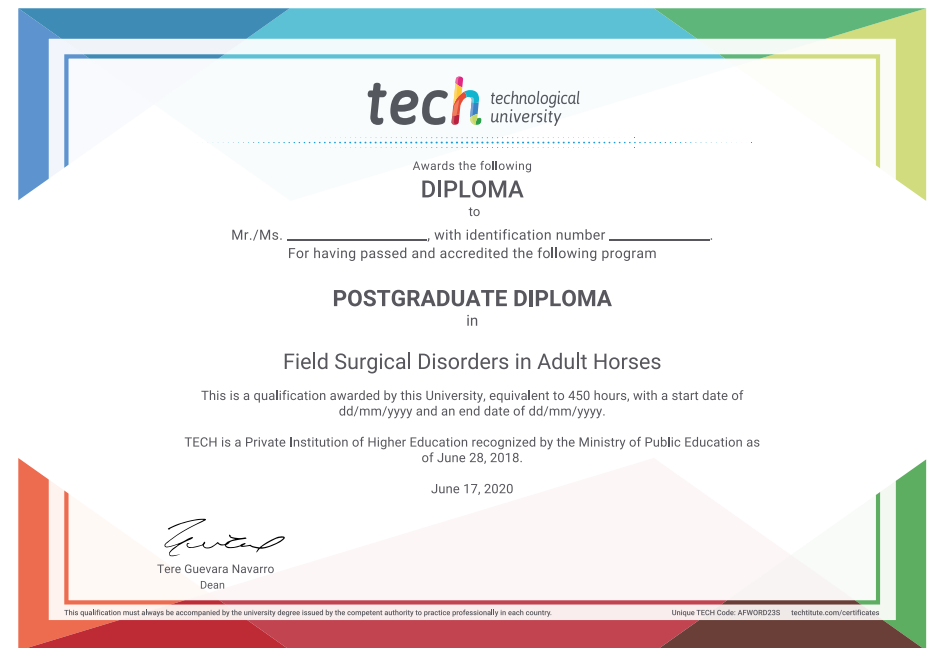
This **Postgraduate Diploma in Field Surgical Disorders in Adult Horses** contains the most complete and up-to-date scientific program on the market

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

The diploma 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 Field Surgical Disorders in Adult Horses**

Official N° of Hours: **450 hours**.



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



**Postgraduate
Diploma**
Field Surgical Disorders
in Adult Horses

- » Modality: Online
- » Duration: 6 months.
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Diploma

Field Surgical Disorders in Adult Horses