

## CLÍNICA DE EQUINOS I

**Study programme: MIMV    Curricular Year: 5<sup>th</sup>    Semester: 9<sup>th</sup>    Compulsory    ECTS: 2**

**Lecturers:** José Paulo Sales Luís (CCP), Paula Tilley (R), Luis Lamas, Mariana Magalhães, Teresa Rosa

### 1. Contact Hours:

Lectures - 13 Practicals - 8

### 2. Objectives:

The students should acquire skills to allow a systematic approach to equine clinical cases through anamnesis, clinical history, and clinical signs detection and evaluation. The students should also know how to select the diagnostic complementary exams and how to interpret them in order to reach a definite diagnosis from a list of differential diagnosis. The students should be able to integrate this information in the global context of the patient in order to promote a therapy, advise on the most appropriate management. It's important to show effort and dedication, as well as an ethical attitude through the whole process. And also to show capacity to involve themselves through the search for complementary information. And finally optimize their communication and attitude with owners, colleagues and the horses themselves.

### 3. Programme:

The program includes themes like, physical exam and clinical history, upper and lower airways, endoscopy, immunology, gastroenterology, dentistry, cardiology, urology, endocrinology, dermatology e Neurology.

The caseload that allows practical exposure of students involves the Veterinary college equine hospital cases, both in house and ambulatory, the Central Hospital of the Mounted Police (GNR), The Monsanto Park Forest Police, The Companhia das Lezírias, and the Equestrian Center Todos a Galope.

### 4. Bibliography:

**Books:** Corley, K. & Stephen, J. (2008). The equine hospital manual. 1st ed. Blackwell Publishing Ltd.; Reeds, S.M., Bayly, W.M. & Sellon, D.C. (2016). Equine Internal Medicine. 4th ed., Saunders Elsevier; Robinson, N.E. & Sprayberry, K.A. (2014). *Current Therapy in Equine Medicine*. 7<sup>th</sup> ed. Saunders Elsevier; Marr, C.M., Bowen, M. (2011) Cardiology of the Horse. 2<sup>nd</sup> ed. Saunders Ltd.; Felipe, M.J. (2016) Equine Clinical Immunology. Wiley-Blackwell; Scott, D.W., Miller, W.H. (2011) Equine Dermatology. 2<sup>nd</sup> ed. Elsevier Inc.; Sellon, D.C., Long, M.T. (2014) Equine Infectious Diseases. 2<sup>nd</sup> ed. Elsevier Inc.; Fielding, C.L., Magdesian, K.G. (2015) Equine Fluid Therapy. John Wiley & Sons; Gilger, B.C. (2022) Equine Ophthalmology. 4<sup>th</sup> ed. John Wiley & Sons, Inc.; Pusterla, N., Higgins, J (2018) Interpretation of Equine Laboratory Diagnostics. John Wiley & Sons, Inc.; Furr, M., Reed, S. (2015) Equine Neurology. 2<sup>nd</sup> ed. John Wiley & Sons, Inc.; Mayhew, J., Mackay, R. (2022) Large Animal Neurology. 3<sup>rd</sup> ed. Wiley-Blackwell

**Papers:** (últimos 5 anos - 2018 - 2024 inclusivé): Equine Veterinary Education, Equine Veterinary Journal, Journal of the American Veterinary Medical Association, Journal of Veterinary Emergency and Critical Care, Journal of Veterinary Internal Medicine, Veterinary Clinics of North America, Veterinary Journal, Journal of Equine Veterinary Science

### 5. Assessment:

In order to be admitted for the exam, the students must fill a table of equine clinical activities and present/discuss a paper which is attributed by the teachers. The student is then evaluated at the end of term by a written exam (worth 75% of the final mark) and by the practical evaluation (worth 25% of the final mark). The practical mark is the mark attributed to the production of 3 leaflets for owners on the themes: Equine asthma, Colics in horses, and Equine gastric ulcer syndrome. Alternatively, for the practical mark, the student can work on a project (eligible projects are listed each year in the 1st theory class of the term).