

## LAMENESS IN SPORT HORSES

**Study Programme:** MIMV    **Curricular Year:** 4 and 5<sup>th</sup>    **Semester:** 8<sup>th</sup> and 10<sup>th</sup>    **Optional**    **ECTS:** 2,5

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

**1. Contact hours:** Lectures: 16h    **Practicals:** 8h

### 2. Objectives:

To give students theoretical and practical knowledge and some practical clinical skills in equine lameness diagnosis.

Students must get skills in lameness diagnosis in a systematic way through anamnesis, patient history, symptom evaluation and history registration. They must be able to select complementary information and exams in order to perform a definitive diagnosis. Communication skills with clients and medical staff, and correct horse handling are also requested.

### 3. Programme:

The program includes subjects like: gait and mechanics of movement in the horse; lameness in dressage horses and in show jumping horses; lameness in pleasure horses and in stallions/broodmares; lameness in driving horses and in endurance horses; imaging: ultrasonography and image interpretation; imagiology: X-ray exam and image interpretation; orthopedic shoeing; diagnostic analgesia through regional anesthesia; and physiotherapy.

### 4. Bibliography:

Baxter, G.M. (2020). *Adams and Stashk's Lameness in horses*. 7<sup>th</sup> ed. John Wiley and Sons Ltd

Hinchcliff, K.W., Kaneps, A.J. & Geor, R.J. (2024). *Equine sports Medicine and surgery*. 3<sup>a</sup> ed. Elsevier

Butler, J., Colles, C., Dyson, S., Kold, S. & Poulos, P. (2016). *Clinical radiology of the horse*. 4<sup>a</sup> edição, John Wiley & Sons Inc .

Kidd, J.A., Lu, K.G. & Frazer, M.L. (2014). *Atlas of equine ultrasonography*. Wiley-Blackwell.

Pollitt, C.C. (2000). *Color atlas of the horse's foot*. Mosby-Wolfe.

Ross, M.W. & Dyson, S.J. (2010). *Diagnosis and management of lameness in the horse*. 2<sup>a</sup> edição, Elsevier Health Sciences.

### 5. Assessment:

The student's knowledge is evaluated in the end by a written exam with memorization questions and/or recognition questions and/or summarization questions.