

## MEDICAL PROPEDEUTICS I

**Study Program: MIMV Curricular Year 3<sup>rd</sup> Semester 5<sup>th</sup> Compulsory Credits: 4.5 ECTS**

**Lecturer(s):** J. H. Duarte Correia (CCP), Maria Teresa Villa de Brito (R), Luís R. Lamas Esmeralda Sofia da Costa Delgado; Ana Mafalda Gonçalves Xavier Félix Lourenço Martins, António Ferreira

### 1. Contact hours:

**Lectures 26 Practicals 26 Total 52**

### 2. Objectives:

At the end of the course, the student should be able to: Correctly use medical terminology to describe clinical signs and syndromes; perform a thorough and systematic physical examination in bovine, equine and canine subjects; recognize the health status in an animal; select, from the signs collected from the physical examination, those that are indicative of disease; critically evaluate clinical signs and propose adequate diagnostic plans; select the additional diagnostic endeavors rationally most adequate to confirm the diagnosis; decide upon probable diagnosis; coherently and comprehensively decide upon the prognosis of medical conditions.

### 3. Programme:

Theoretical: General Semiology; Methodology of clinical examination; Diagnosis, prognosis and clinical recommendations; Respiratory System; Cardio-vascular System; Muscle-skeletal System; Dermatologic examination; Neurological examination; Ophthalmologic examination.

Practical (Physical Examination) General methods; Anamnesis and General Physical Examination; Examination of the Digestive system; Examination of the Respiratory system; Examination of the Cardio-vascular system; Examination of the Urinary system; Dermatological Examination; Neurological examination; Ophthalmologic examination.

### 4. Bibliography:

Ettinger SJ. The physical examination of the dog and cat. In: Ettinger SJ, Feldman EC, eds. Textbook of Veterinary Internal Medicine. 7th ed. St. Louis, MO: Saunders Elsevier; 2017:1-9.

Prošek R. Abnormal heart sounds and heart murmurs. In: Ettinger SJ, Feldman EC, eds. Textbook of Veterinary Internal Medicine. 7th ed. St. Louis. MO: Saunders Elsevier; 2010:258.

Rijnberk, A. e de Vries, H.W. (editores) – Med. Hist. and Phys. Exam. in Companion Animals. Kluwer Academic Publishers, Dordrecht, 2014

NELSON. Richard W.; COUTO, C. Guillermo – Small Animal Internal Medicine. 5<sup>a</sup> ed. Elsevier Inc, 2014;

Tilley, L. P. e Goodwin, J. K.). Manual of Canine and Feline Cardiology, 3<sup>a</sup> edição, W.B. Saunders Company. (2008)

Martin, Mike – Small Animal ECGs: An Introductory Guide. 3<sup>a</sup> ed. Wiley-Blackwell, 2015

### 4. Assessment:

Final exam, consisting of a theoretical part (70% of the final grade) and an oral practical part of the clinical exam: (30% of the final grade) (0 to 20 values).