

## **CLÍNICA DOS ANIMAIS DE COMPANHIA II**

**Study Programme:** MIMV **Curricular Year:** 5th Semester 10th **Compulsory** **Credits:** 3,5 ECTS

**Lecturer(s):** Manuela Niza (CCP), Ana Mafalda Lourenço (R), António Ferreira, Rodolfo Leal, Rui Máximo e Maria Joana Dias.

### **1. 1.Contact hours:**

**Lectures** 26 **Practicals** 40

### **2. Objectives:**

The students should be able to integrate clinical history and the clinical signs observed in order to perform the differential diagnostic; to select the appropriate complementary exams and to interpret the results; achieve the definitive diagnosis; to prescribe the appropriate therapy; to explain the owner the prognostic and expenses foreseen.

### **3. Programme:**

#### **3.1. Theoretical:**

Urinary System: Diagnosis and treatment of kidney (acute renal failure *versus* chronic renal failure), ureter, bladder and urethra diseases.

Cardiovascular System: Clinical approach to the patient with cardiovascular disorders (cardiac insufficiency *versus* circulatory insufficiency). Diagnosis and treatment of myocardium, endocardium and pericardium. Disturbances of cardiac rhythm. Circulatory and vascular disorders.

Nervous system: Diagnosis and treatment of brain, spinal cord and meninges.

Endocrine glands: Diagnosis and treatment of disorders of endocrine pancreas (diabetes *mellitus*), adrenal gland (hypo and hyperadrenocorticism) and thyroid gland (hypo and hyperthyroidism).

Dermatology: Atopic dermatitis, Autoimmune diseases, Otolaryngology. Diagnosis and treatment approach.

#### **3.2. Practical:**

Clinical work at the hospital. Clinical cases discussion

### **4. Bibliography:**

Ettinger, S.J., Feldman, E.C. and Cote E. (Ed.) (2024). Textbook of Veterinary Internal Medicine. Elsevier, 9th ed.

Nelson, R.W. & Couto, C.G. (Ed.) (2019). Small Animal Internal Medicine. Elsevier, 6th ed.

Feldman E, Nelson R., Reusch C., Scott-Moncrieff (2014). Canine and Feline Endocrinology. 4th edition.

Miller, W.H., Griffin, C.E. & Campbell, K.M. (Ed.) (2024).

Muller and Kirk's Small Animal Dermatology (2020) Elsevier, 8th ed.

### **4. Assessment:**

The knowledge obtained through the semester will be evaluated through a written exam which includes the information taught both in theoretical and practical classes.