

COMPANION ANIMAL CLINICS II

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

Teaching staff: Manuela Niza (CCP), António Ferreira, Teresa Villa de Brito, Sandra Sousa Jesus, Ana Mafalda Lourenço, Lisa Alexandra Mestrinho e Gonçalo Vicente.

1. 1.Contact hours:

Lectures 26 Practicals 40 Total 66

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).

Oncology: General principles of chemotherapy and radiotherapy. Diagnosis, treatment and prognosis of lymphoma and leukemias.

3.2. Practical:

Clinical work at the hospital. Clinical cases discussion

4. Bibliography:

Ettinger, S.J. & Feldman, E.C. (Ed.) (2010). Textbook of Veterinary Internal Medicine. W.B Saunders Company, 7th ed.

Nelson, R.W. & Couto, C.G. (Ed.) (2013). Small Animal Internal Medicine. Elsevier, 5th ed.

Miller, W.H., Griffin, C.E. & Campbell, K.M. (Ed.) (2012). Miller and Kirk's Small Animal Dermatology. Elsevier, 7th ed.

Niza, M.M.G.R.E. Apontamentos sobre abordagem terapêutica do doente cardíaco. Texto de apoio da disciplina de Clínica dos Animais de Companhia.

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. To be approved the student should have a grade higher than 10 in a 20 mark scale.