



MEDICAL PROPEDEUTICS II

Study Programme: MIMV Curricular Year 3rd Semester 6th Compulsory Credits: 4.5 ECTS

Lecturer(s): J. H. Duarte Correia (CCP), Maria Teresa Villa de Brito (R), Luís Ressano Garcia Pardon Lamas

1. Contact hours:

Lectures 26 Praticals 26 Total 52

2. Objectives:

At the end of the semester, the student should be able to: define, describe and analyze biological signs and syndromes, collected from the examination of organs and systems, in the perspective of the appropriate ancillary tests necessary to orientate the diagnostic plan towards a given organ or system. Decide which laboratory ancillary tests to choose in order to explore body systems or organs; acquire relevant technical gestures and attitudes necessary to perform clinical pathology tests; correctly perform simple laboratory tests; interpret the results of laboratory tests critically, in the scope of information collected from history and clinical signs.

3. Programme:

Theoretical didactic units: Clinical pathology of Blood and Haematopoietic organs; Hepatology: laboratory evaluation and main hepatic liver diseases; exocrine pancreas: laboratory evaluation, acute pancreatitis, chronic pancreatitis and exocrine pancreatic insufficiency; Semiology of the digestive tract; Semiology of the Urinary system.

Practical classes: Laboratory Semiology: Complete blood count; Hemostasis Tests; Analysis of effusion fluids; Urinalysis". *Case-Based Learning (CBL)*": Blood and hematopoietic organs, Hepatic Semiology; Exocrine Pancreas Semiology; Urinary system.

4. Bibliography:

Handouts provided by lecturers

Ettinger, S. J. e Feldman, E. C. *Textbook of Veterinary Internal Medicine: Diseases of the Dog and Cat, 5^aEd, W.B. Saunders Company 2010.*

Latimer, K.S., Mahaffey, E.A. & Prasse ; K.W.. Duncan & Prass's Veterinary Laboratory Medicine- Clinical Pathology, 5th Ed, Iowa State Press 2011

Stockham, S.L, Scott; M.A. Fundamentals of Veterinary Clinical Pathology – 2nd^t Ed, Stockham, S.L, Scott; M.A. Eds, Iowa State Press 2008

Villers E. & Blackwood L. (eds). BSAVA Manual of canine and Feline Clinical Pathology, 3th Ed, BSAVA, 2016.

Willard, M.D.; Tvedten, H.;– *Small Animal Clin. Diag. by Lab. Meth.*. 5th Ed. W.B. Saunders Company, Philadelphia, 2012

4. Assessment:

The students' knowledge is evaluated at the end of the term with a written examination focusing on a clinical case about blood and hematopoietic organs, hepatology, and urinary system and with a written examination including theoretical subjects. Final marks are the mean of the two exams.