

MEDICAL PROPEDEUTICS I

Study programme: MIMV Curricular Year 3th Semester 6^h Compulsory ECTS: 4,5

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

1. Contact hours: Lectures - 26, Lecture/Practical 26

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:

Class handouts, lecture notes, scientific and technical papers.

Ettinger, S. J. e Feldman, E. C. Textbook of Veterinary Internal Medicine: Diseases of the Dog and Cat, 5^aEd, W.B. Saunders Company 2019.

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 – 2ndt Ed, Stockham, S.L, Scott; M.A. Eds, Iowa State Press 2013

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

5. Assessment:

The theoretical evaluation will be done through a written examination including, multiple-choice questions (MCQ) and true and false. The practical test is drawn from a set of tests previously announced and accomplished in practical classes. Final markings, consisting of a theoretical part (70% of) and an oral practical part of the clinical exam: (30% of the final grade) out of 20 values.