



UNIVERSIDADE DE LISBOA
Faculdade de Medicina Veterinária

Medical Propedeutics and Clinics

Curricular Year: 3rd

Duration: 1st Semester

Credits: 12 ECTS

Teachers: Maria Teresa Villa de Brito (CCP and R); António Ferreira de Almeida; Esmeralda Delgado; George Stilwell; Gonçalo Pereira; Hugo Miguel Ramos; José Henrique Duarte Correia; Luís Lamas; Mariana Magalhães; Paula Tilley; Rui Ferreira; Rui Máximo; Sandra Jesus; Teresa Rosa.

Contact Hours: 160H Total.

52H Lectures; 108H Practical and laboratory teaching.

Learning objectives:

The student must: correctly use medical terminology to describe clinical signs; perform a systematic and global physical examination on cattle, horses, pigs, and dogs; recognize health and disease status based on signs collected in the clinical history and physical examination. Select complementary diagnostic tests: laboratory and imaging. Know the collection methods for different samples, acquire the techniques to perform simple laboratory tests; interpret the results of clinical analyses. Decide on the prognosis of the disease.

Program contents:

Theoretical: General Introduction; Clinical exploration methodology; Diagnosis, prognosis, and clinical indications; Respiratory System; Cardiovascular system; Clinical pathology of blood and hematopoietic organs; Digestive system and attached organs: Liver and exocrine pancreas; Urinary tract; Locomotor Apparatus; Dermatological Examination; Ophthalmological Examination; Neurological Examination;

Practical: Methods of semiotic exploration; Clinical history and general physical examination; Examination of the Digestive, Respiratory, Cardiovascular, Urinary System; Dermatological Examination; Neurological Examination; Ophthalmological Examination.

Laboratory practices - Complete Blood count; Analysis of spilled liquids; urinalysis. Problem cases: - Blood and hematopoietic organs, Liver, exocrine pancreas and urinary system.

Bibliography:

Ettinger SJ. The physical examination of the dog and cat. In: Ettinger SJ, Feldman EC, eds. Textbook of Veterinary Internal Medicine. 9th ed. St. Louis, MO: Saunders Elsevier; 2023.

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

Nelson. Richard W.; Couto, C. Guillermo – Small Animal Internal Medicine. 6^a ed. Elsevier Inc, 2019;

Ryane E. Englar. Performing the Small Animal Physical Examination, 2017.

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

Thrall, D.E. (2021). Textbook of Veterinary Diagnostic Radiology. WB Saunders, 6^a edição, Elsevier.



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Nyland, T.G. & Mattoon, J.S. (2020). Small Animal Diagnostic Ultrasound. 4rd edition. Elsevier
Martin, Mike – Small Animal ECGs: An Introductory Guide. 3ª ed. Wiley-Blackwell, 2015

Assessment:

The student evaluation is also important to assess the efficiency of the teaching-learning methodologies, in compliance with the UC objectives, and to allow future adequate adjustments on the teaching methodologies and/or on the assessment of student's knowledge and skills.

1. The assessment of the theoretical component will be accomplished through a written examination including, multiple-choice questions (MCQ), true and false,
2. The practical component will be evaluated:
 - a. In an oral practical test drawn from a set of different clinical exams in which students respond to questions/problems/clinical cases posed by teachers.
 - b. In a written exam in which students solve stated problems.

The final classification is carried out on a scale of 0-20 values, in which:

- a. Theoretical part (70% of the classification)
- b. Practical part of clinical and laboratory examination (30% of the classification)

Final classification: $70\% + 30\% = 100\%$