

CLINICAL CHALLENGES IN CANINE AND FELINE ENDOCRINOLOGY**Curricular Year: 5th Semester: 9th Optional Credits: 2.5 ECTS****Lecturer(s):** Rodolfo Oliveira Leal (R), Ana Mafalda Lourenço, Gonçalo Vicente, Luísa Mateus, Lisa Mestrinho, Maria Teresa Villa e Brito (CCP), Maria Joana Dias, Rui Lemos Ferreira

- 1. Contact hours:** Lectures: 20h Theoretical-practicals: 8h
- 2. Objectives:** Students must acquire a detailed knowledge of the less common endocrine diseases that occur in clinical practice, complementing the acquired knowledge achieved throughout the main curriculum of the Veterinary Medicine Master Degree. The student should: understand and interpret the physiopathology of certain endocrinopathies; recognize the main clinical signs; establish differential diagnosis lists; select complementary exams and procedures namely functional/hormonal tests; understand prognostic factors; prescribe appropriate therapies and monitoring protocols, adapting the medical management according to the appropriate endocrine test results.
- 3. Program:** The program is based on the theoretical introduction of selected endocrinopathies, reinforcing the clinical knowledge using a problem-based learning approach to develop the clinical skills and the practical participation of students. The following subjects will be discussed: 1) General considerations in endocrinology 2) Hypothalamus and pituitary diseases; 3) Endocrine Pancreas and Obesity management; 4) Gastrointestinal endocrinology 5) Thyroid diseases 6) Oncology, Diagnostic Imaging and Surgery in endocrinology
- 4. Evaluation:** The student knowledge is evaluated by a written exam (80% of the final classification) and by a practical evaluation including a discussion of an oral clinical case (20% of the final classification).

5. Bibliography

Mooney C., Peterson M. “BSAVA Manual of Canine and Feline Endocrinology” 5th edition, BSAVA editions, 2023

Feldman E, Nelson R, Reusch C., Scott-Moncrieff JC “Canine and Feline Endocrinology” 4th Edition, Elsevier, 2014

Ettinger SJ, Cote E, Feldman EC “Textbook of Veterinary Internal Medicine” 9th Edition, Elsevier, 2024

Feldman E, Fracassi F, Peterson M “Feline Endocrinology” 1st Edition, EDRA, 2019