

## **COMPLEMENTARY STUDIES IN DENTISTRY AND ORAL SURGERY OF THE DOG AND CAT**

**Study Programme: MIMV Curricular Year: 5<sup>th</sup> - Semester: 10<sup>th</sup> Optional - Credits: 2,5 ECTS**

**Lecturer(s):** Manuela Rodeia Niza (CCP), Lisa Mestrinho (R), Hugo Pissarra, Rita Fonseca, Leonor Iglésias (invited), Ana Reisinho (invited)

### **1. Contact hours:**

**Theoretical - 20 Practical and case discussion- 8h Total – 28 h**

### **2. Objectives:**

Oral diseases are very frequent in companion animals included in diseases of the digestive tract, one of the main reasons for consultation in these species. Therefore, it is essential to deepen knowledge in this field. Although there is a first contact with these diseases during undergraduate education, it is necessary to deepen the knowledge in order to acquire theoretical and practical skills to design a diagnostic plan, prescribe an appropriate therapeutic strategy, know how to communicate with the client/caregiver and know how to execute basic procedures in this specialty.

### **3. Programme:**

Theoretical

1. General embryology, anatomy and oral physiology (1h)
2. Dental and oral pathology in domestic carnivores (6h) [Congenital and developmental dental changes and acquired dental changes [Traumatic oral diseases (1h); Inflammatory diseases (2h); Infectious, metabolic and nutritional oral diseases (1h); Oral neoplasms (1h)]
3. Diagnostic tests in dentistry (2h) [Dental radiography, radiographic anatomy and positioning (1h) and tomography and resonance (1h)]; (1h) Endodontics and orthodontics (1h) Prosthodontics (1h) [1h] Treatment of dental and oral diseases (7h) [Medical treatment indications and considerations

Practical

The systematic oral examination exemplified in cat and cat, Record of dental changes in dental chart, Dental radiographs - performing dental x-ray in skulls, Procedure of removal of the dental calculus using manual removal, ultrasound and polishing (4h)

Case discussion

Oral presentation and discussion of a clinical case by groups of 4 to 5 students (10 to 15 minutes) (4h)

### **4. Bibliography:**

Mestrinho L, Castejon A, Gordo I, Serrano M, Requicha J, Velasquez I, Niza M. (2015), *A Estomatologia do Gato*. 1.<sup>a</sup> edição. Lisboa: Companhia Portuguesa Consumer Health (CPCH), 121 pp.

Sebenta: *Estomatologia do cão*

Reiter A, Gracis M eds. The BSAVA Manual of Canine and Feline Dentistry and Oral Surgery. 4th ed. British Small Animal Veterinary Association, 2018.

Lobprise H, Dodd JB. Wiggs's Veterinary Dentistry: Principles and Practice, John Wiley & Sons, Inc, 2018

Verstraete FJM, Lommer MJ, Arzi B. Oral and Maxillofacial Surgery in Dogs and Cats. Philadelphia: Saunders, 2020.

### **5. Assessment:**

Written test (1 hour and 30 minutes) and continuous assessment based on demonstrated interest, participation in classes, and oral presentation / discussion of a clinical case. Written test (80%) and continuous assessment (20%).