

## **SURGERY I**

**Study Programme: MIMV Curricular Year: 4<sup>st</sup> Semester: 7<sup>st</sup> Compulsory Credits: 4.0 ECTS**

**Lecturer(s):** José Paulo Sales Luis (CCP), Esmeralda Delgado (R) António Ferreira, Luis Miguel Carreira, Lisa Mestrinho, Miguel Ramos, Ana Reisinho, Luis Lamas, Mariana Magalhães. Rita Rosa

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

**Lectures** – 26 hours, **Practicals** – 26 hours, **Total** – 52 hours

### **2. Objectives:**

The semester relates to small animal surgery and the Student must recognize the main surgical diseases, their pathophysiological mechanisms and understand the way surgery can be helpful and determine a real solution to the patient. Diagnosis, medical options, surgical prognosis, owners problems and surgical conditions must be understood by the Student. Surgical techniques, materials and options must be understood. Surgical skills and main surgical procedures like incision, tissues manipulation, hemostasis and sutures are to be got as well as applied anesthesiology

### **3. Programme:**

The program concerns small animal surgery of the head and neck including upper airway, mouth, ear, sinus, glandular, neoplastic and various problems of the region. Ophthalmologic surgery is also a matter of discussion Thoracic access and surgery like diaphragmatic hernias, pulmonary neoplasia, heart problems are included. The program of surgery I and includes gastrointestinal problems, both gastric and intestinal, hepatic, splenic, pancreatic and adrenal surgery. Genital and urinary surgical problems as well as abdominal and perineal hernia surgery are also discussed.

### **4. Bibliography:**

Fossum. T. (2002). *Small animal surgery*. Mosby, 2<sup>nd</sup> ed.

Bojrab, J. (1998). *Current techniques in small animal surgery*. Williams & Wilkins 4<sup>th</sup> ed.

Slatter, D.H. (2003). *Textbook of small animal surgery*. Saunders, 3<sup>rd</sup> ed.

Delgado. E. *Texto de apoio às aulas (oftalmologia)*. FMV

### **5. Assessment:**

The students knowledge is evaluated continuously by means of their presence at the practical rotations and at the end of the semester by a written exam (80% of the final grade) and by a practical evaluation consisting in an oral presentation of a surgical case and discussion with the teachers (20% of the final grade).