

Academic subject: VETERINARY STRUCTURE MENAGEMENT			
Degree Class: L-38		Degree Course: Animal Science	
		Academic Year: 2020/2021	
		Kind of class: Optional	
		Year: III	Period: II semester
		ECTS:3 divided into ECTS lessons: 2 ECTS exe/lab/tutor: 1	
Time management, hours, in-class study hours, out-of-class study hours lesson: 20 exe/lab/tutor: 25 in-class study: 0 out-of-class study: 30			
Language: Italian		Compulsory Attendance: Yes	
Subject Teacher: Antonio Crovace		Tel: 0804679817 e-mail: antonio.crovace@uniba.it	
		Office: Department of DETO Room 1 Floor 0	
		Office days and hours: Mon to Fri from 8:30 to 9:30 am	
Prerequisites: Biosecurity and health management Ethological bases of animal learning			
Educational objectives: to: -Learn the terminology used in veterinary surgery and practicable interventions. -Learn the essential elements of the aseptic technique, the methods used for the disinfection and sterilization of surgical instruments and equipment, the methods for the preparation of the surgical sets and the tools that compose them. -Learn the procedures used for the preparation of the operating field, for the preparation of the surgical team and for the maintenance of surgical instruments. Know the types of sutures and sutures. -Know the methods of preparing venous and arterial accesses, learn the catheterization techniques of the urinary tract of small animals. -Learn about life-saving and traumatized animal rescue techniques.			
Expected learning outcomes (according to Dublin Descriptors)		Knowledge and understanding: minimal notions relating to the technical management of surgical patients Applying knowledge and understanding: specific notions in the technical management field of small animal surgery Making judgements: specific notions to understand how to act in different small animal surgery scenarios Communication: how to talk with owners and veterinarians about small animal surgery management Lifelong learning skills: skills in containment and technical management of the perioperative in small animals	
Course program Fundamental surgical terminology Routine surgery of small animals Preoperative and post-operative considerations by the collaborator in surgical structures. weight assessment,			

temperature measurements, sample transport
Principles of surgical asepsis
Rules of aseptic technique
Commonly used disinfectants
Cold and hot sterilization
Preparation and packaging of surgical sets
Washing and preparation of sheets and gowns
Storage of sterilized materials
Opening techniques for sterile packaging
Tricotomy and skin washing
Positioning and stabilization of the patient on the operating table
Sterile skin preparation techniques
Correct clothing inside the operating rooms
Safety rules and management of operating rooms
Surgical instruments
Suture needles and removal of sutures
Preparation of venous and arterial accesses
First aid techniques for traumatized or critically ill animals
Pre-hospital care (telephone contacts, first aid and evaluation of vital signs)

Teaching methods:

Frontal lessons in attendance and practical exercises in the presence of small groups on topics specific to the lessons provided with practical activities carried out at the structures of the DETO Surgical Clinic.

Auxiliary teaching:

White coat or disposable coat, chirurgical masks, caps, glove.

Assessment methods:

Ongoing tests
Self-assessment test: yes
Practical Test: Yes
Final profit exam: oral

Bibliography:

Principi di tecnologia veterinaria of P. W. Pratt, Dolphin publisher

Notes from lessons