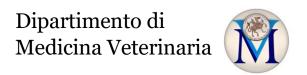


General information			
Academic subject	Veterinary Anesthesiology		
Degree course	Veterinary Medicine		
Academic Year	2021 - 2022		
European Credit Transfer and Accumulation System (ECTS) 2			
Language	Italian		
Academic calendar (starting and	ending date) II – III Bimester		
Attendance	Mandatory		

Professor/ Lecturer		
Name and Surname	Francesco Staffieri	
E-mail	Francesco.staffieri@uniba.it	
Telephone	+39 080 4679872	
Department and address	Veterinary Medicine Campus – Valenzano (BA)	
Virtual headquarters	Microsoft Teams Code: 5g487u1	
Tutoring (time and day)	Monday, Wednesday and Friday from 8:30 to 9:30 and from 14:30 to 15:30	
	Is mandatory a preliminary email contact	

Syllabus			
Learning Objectives	To provide the basic information required to manage to most common clinical cases.		
	To acquire the ability to use the most common anaesthesia equipment		
Course prerequisites	Students should have the basic knowledges of pharmacology, physiology, general		
	pathology, radiology and surgical semeiotic of the most common domestic animals		
Contents	The teaching topics belog to the area of Clinical Sciences of the domestic animals		
	(including horses and exotic pets), with the following topics:		
	Preanesthetic examination		
	<ul> <li>Premedication: generality, phenotiazines, alpha 2 agonists, benzodiazepine,</li> </ul>		
	opioids, butirrophenon		
	<ul> <li>Induction: generality, tiopenthal, propofol, ketamine</li> </ul>		
	<ul> <li>Maintenance of general anesthesia: generality, inhalant agents (halothane,</li> </ul>		
	isoflurane, sevoflurane, desflurane), total intravenous anesthesia		
	<ul> <li>Anesthesia Monitoring: clinical monitoring, electrocardiography, pulse</li> </ul>		
	oximetry, arterial pressure, capnography, temperature		
	<ul> <li>Equipment: anesthetic machine, vaporizers, anesthetic circuits,</li> </ul>		
	laryngoscope, endotracheal tubes, infusion pumps.		
	Pain physiology. Treatment of perioperative pain		
	Locoregional anesthesia and analgesia		
	<ul> <li>Specific aspects of the anesthesia of the dog and cat</li> </ul>		
	<ul> <li>Specific aspects of the anesthesia of the horse</li> </ul>		
Books and bibliography	Anestesia del Cane e del Gatto. Autore: Federico Corletto. Editore: Poletto		
	Editore		
	Anestesia del Cane, del Gatto e degli Animali non convenzionali. Autori:		
	Bufalari Antonello, Lachin Adriano. Editore: Elsevier		
	<ul> <li>Chirurgia del Cavallo (capitolo sull'Anestesia Equina). Autore: Auer A.</li> </ul>		
	Editore: Edagricole Editore		
	<ul> <li>Anestesia e Analgesia Locoregionale del Cane e del Gatto. Autore:</li> </ul>		
	Francesco Staffieri. Editore: Poletto Editore		





	Terapia del dolore negli animali da Compagnia. Autore: Giorgia della Rocca e Antonello Bufalari. Editore: Poletto Editore
Additional materials	

Work schedule				
Total	Lectures		Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours				
50	13		25	12
ECTS				
2	1		1	
Teaching strateg	SY.			
		The lectures will be performed with classical lectures with the support of power point presentations. Lectures will be integrated with the possibility of remote connection.  During the lectures clinical cases will be discussed with the interaction with the student by means the kahoot software. In some lectures clinical cases will be presented with the possibility to observe the patient in the surgery room. The hands-on activities will be performed in groups of 10 – 15 students		
Expected learning	ng outcomes			
Knowledge and on:  Applying knowled	_	0	Knowledge of the main anesthetic drugs and their effet Knowledge and management of the main anesthetic en Evaluation of the anesthetic riskand of the anesthet domestic animals To be able to perform safe sedative and general	quipment etic plan in the main
understanding o	n:		procedures; Implement chemical methods of immobil	ization
Soft skills  • N  • C		• Com • Capa	ing informed judgments and choices Understanding and competency in the logical s approach, the distinction between them and their limi Etiology, pathogenesis, clinical signs, diagnosis and diseases of the most common domestic animals municating knowledge and understanding Main principles of disease prevention and the pror welfare acities to continue learning The ethical field within which the veterinary sur including important ethical theories that inform the the professional ethic and related to the welfare of the	tits care of the common motion of health and rgeons should work, decisional process in

Assessment and feedback		
Methods of assessment	The examination will be performed orally with the discussion of hypothetical clinica cases supported also with the multimedia material	
Evaluation criteria	<ul> <li>Knowledge and understanding</li> <li>Student should prove to be able to evaluate the patient and establish the anesthetic risk</li> <li>Applying knowledge and understanding</li> </ul>	
	<ul> <li>Ability to chose an adequate anesthetic protocol</li> <li>Ability to manage the main equipment</li> <li>Autonomy of judgment</li> </ul>	



	<ul> <li>xTo be able to establish an anesthetic protocol including drugs and specific equipment</li> <li>Communicating knowledge and understanding</li> <li>To be able to communicate with the clients to proceed with the normal clinical procedures</li> <li>Communication skills</li> <li>To be able to communicate with the clients to proceed with the normal clinical procedures</li> <li>Capacities to continue learning         <ul> <li>To be able to evaluate the clinical conditions of the patient in order to chose the most adequate anesthetic protocol</li> </ul> </li> </ul>	
Criteria for assessment and attribution of the final mark	The examination will be performed asking 3 questions related to the program. With 2 over 3 correct answers the student will pass the exam and the grade will be weighted with that obtained in the other parts of the exam. The student should prove to have acquired the knowledge regarding the use of the different drugs, equipment and techniques to manage the anesthesia of the small animals and horses in the most common clinical conditions.	
Additional information		