

General information	
Academic subject	<b>Surgical Semeiotic</b>
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 Bimester
Attendance	Mandatory

Professor/ Lecturer	
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Department and address	Veterinary Medicine Campus – Valenzano (BA)
Virtual headquarters	Microsoft Teams Code: qwvngvz
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	
<b>Learning Objectives</b>	To provide the basic information required to manage to most common clinical cases. To acquire the ability to understand the most common clinical presentations
<b>Course prerequisites</b>	Students should have the basic knowledges of anatomy, physiology and general pathology of the domestic animals.
<b>Contents</b>	The teaching topics belong to the area of Clinical Sciences of the domestic animals (including horses and exotic pets), with the following topics: <ul style="list-style-type: none"> <li>• Decisional process in the surgical patient: from the symptoms to the diagnosis</li> <li>• General and particular objective examination</li> <li>• Triage and emergency clinical examination</li> <li>• Shock and systemic inflammatory response</li> <li>• Preoperative diagnostic examinations and evaluation of the anesthetic risk</li> <li>• Semeiotic of the tumefactions</li> <li>• Clinical examination of the locomotor apparatus of the dog, cat and horse</li> <li>• Neurologic examination of the dog, cat and horse</li> <li>• Ophthalmic examination</li> <li>• Abdominal examination and of the digestive apparatus</li> <li>• Thoracic examination and of the respiratory system</li> <li>• Semeiotic of the urinary apparatus</li> </ul>
<b>Books and bibliography</b>	<ul style="list-style-type: none"> <li>• T.W Fossum Chirurgia dei piccoli animali 3a Ed Mosby 2007</li> <li>• Slatter D.H. Trattato di chirurgia dei piccoli animali 3a Ed Antonio Delfino 2005.</li> <li>• Tobias K.M: Veterinary surgery: small animal</li> <li>• Auer &amp; Stick Eqine surgery W.B. Saunders, 2005</li> </ul>
<b>Additional materials</b>	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars,	Out-of-class study

		field trips)	hours/ hours	Self-study
<b>Hours</b>				
50	13	25	12	
<b>ECTS</b>				
2	1	1		
<b>Teaching strategy</b>				
	<p>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.</p> <p>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 examination room. The hands-on activities will be performed in groups of 10 – 15 students</p>			
<b>Expected learning outcomes</b>				
<b>Knowledge and understanding on:</b>	<ul style="list-style-type: none"> <li>○ To perform a complete clinical examination</li> <li>○ To recognize the clinical signs related to the surgical pathologies</li> <li>○ To be able to establish a decisional surgical plan</li> </ul>			
<b>Applying knowledge and understanding on:</b>	<ul style="list-style-type: none"> <li>○ To understand and apply the principles of clinical governance and do practical activities based on the veterinary evidence</li> <li>○ To perform a clinical examination and prove the ability in the decisional plan</li> <li>○ TO assist all the species in case of emergency and perform the first approach</li> </ul>			
<b>Soft skills</b>	<ul style="list-style-type: none"> <li>• Making informed judgments and choices <ul style="list-style-type: none"> <li>○ Understanding and competency in the logical scientific and clinical approach, the distinction between them and their limits</li> <li>○ Etiology, pathogenesis, clinical signs, diagnosis and care of the common diseases of the most common domestic animals</li> </ul> </li> <li>• Communicating knowledge and understanding <ul style="list-style-type: none"> <li>○ Main principles of disease prevention and the promotion of health and welfare</li> </ul> </li> <li>• Capacities to continue learning <ul style="list-style-type: none"> <li>○ The ethical field within which the veterinary surgeons should work, including important ethical theories that inform the decisional process in the professional ethic and related to the welfare of the animals</li> </ul> </li> </ul>			
<b>Assessment and feedback</b>				
<b>Methods of assessment</b>	The examination will be performed orally with the discussion of hypothetical clinical cases supported also with the multimedia material			
<b>Evaluation criteria</b>	<ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> <li>○ To be able to perform the traditional clinical procedures and use equipment required for the evaluation of the clinical conditions of a patient</li> </ul> </li> <li>• Autonomy of judgment <ul style="list-style-type: none"> <li>○ To be able to rich a differential diagnosis and be able to chose the correct diagnostic plan</li> </ul> </li> <li>• Communicating knowledge and understanding</li> </ul>			

	<ul style="list-style-type: none"> <li>○ To be able to communicate with the clients to proceed with the normal clinical procedures</li> <li>• Communication skills             <ul style="list-style-type: none"> <li>○ To be able to communicate with the clients to proceed with the normal clinical procedures</li> </ul> </li> <li>• Capacities to continue learning             <ul style="list-style-type: none"> <li>○ To be able to evaluate the clinical conditions of the patient</li> </ul> </li> </ul>
Criteria for assessment and attribution of the final mark	The final grade will be decided over a total score of 30. The exam will be passed when the grade will be over 18. The final examination of surgical semeiotic will be performed only orally with the discussion of hypothetical clinical cases supported by multimedia material.
<b>Additional information</b>	