

General information	
Academic subject	<b>Surgical Clinic</b>
Degree course	Veterinary Medicine
Academic Year	2021/2022
European Credit Transfer and Accumulation System (ECTS)	5
Language	Italian
Academic calendar (starting and ending date)	II – III 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)	Lunedì, Mercoledì e Venerdì dalle ore 8:30 alle 9:30 e dalle ore 14:30 alle 15:30 previo contatto via email

Syllabus	
<b>Learning Objectives</b>	To provide the basis of the veterinary surgical clinic. To be able to make the diagnosis of the surgical diseases of small and large animals. The student should acquire the ability to have a correct clinical approach for the lesions for which the animals are referred to the veterinarian. To be able to rich a correct differential diagnosis and an adequate diagnostic plan to rich and etiologic diagnosis.
<b>Course prerequisites</b>	The student should have acquired the knowledges relted to anatomy, physiology, general and surgical pathology and radiology of the domestic animals.
<b>Contents</b>	The teaching topics are related to the area od clinical sciences of the domestic animals (including horses and exotics), and include the following topics: Osteitis, Tenitis, desmitis, aponeurosis, myositis, arthritis, synovitis. Clonic of the locomotor apparatus of the large animals: Navicolitis, osteitis of the third phalanx, tarsic arthritis, proximal sesamoiditis, sesamoids fracture, chiavardo, patella cramp, large vasto luxation, podal lesions of the bovine. Corneggio and laryngeal diseases. Clinic of the small animals locomotor apparatus: shoulder ocd, glena lesions, ocd medial condil of the homerus, coronoidal process fragmentation, ununion of the anconeal process, elbow incongruency , altered development of the radius, altered development of the ulna, radio/ulnar dismetries. Sesamoids fragmentation, Pathologies of the teno-muscular structures of the front limp, knee luxation, ocd femoral condil, altered development of the tibia, tarsus pathologies. Developmental diseases: panosteitishypertrofic osteodystrophy, secondary hyperparatiroidism, rachitim, hypervitaminosis A, isteogenesis imperfecta, osteopetrosis. Ocular lesions, lesions of the ear, digestive apparatus lesions, lesions, oth nervous system. Special part: approach to the surgical patient from the clinical visit, to the treatment and the postoperative management.
<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 animals</li> </ul>

	<ul style="list-style-type: none"> <li>• Auer &amp; Stick Equine surgery W.B. Saunders, 2005</li> <li>• Cheli -Clinica Chirurgica Veterinaria</li> <li>• Mensa- Patologia Chirurgica Veterinari</li> </ul>
<b>Additional materials</b>	

<b>Work schedule</b>			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
<b>Hours</b>			
125	52	25	48
<b>ECTS</b>			
5	4	1	
<b>Teaching strategy</b>			
Teaching will be provided by means classical lectures with the multimedial support (power point), integrated with the possibility of remote assistance. In some lectures clinical cases will be presented with the possibility to observe the patient in the teaching room. The hands on activities will be performed at the teaching hospital in groups of 10 – 15 students with the presentation of clinical cases related to the teaching topics.			
<b>Expected learning outcomes</b>			
<b>Knowledge and understanding on:</b>	<ul style="list-style-type: none"> <li>○ To rich a diagnosis after a complete clinical examination and complementary investigations</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 perform correctly an aseptic surgical procedure</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>○ To develop treatment plan appropriated and administer the surgical treatment in the interest of the patients in relation to the available funding.</li> <li>○ Aetiology, 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>	
Methods of assessment	The examination will be performed orally with the discussion of hypothetical clinical cases supported also with the multimedia material
Evaluation criteria	<ul style="list-style-type: none"> <li>• Knowledge and understanding               <ul style="list-style-type: none"> <li>○ The student should be able to prove to be able to evaluate the patient and ewcognize eventual surgical conditions and their treatment.</li> </ul> </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</li> </ul> </li> </ul>

	<p>required for the evaluation of the clinical conditions of a patient</p> <ul style="list-style-type: none"> <li>• <b>Autonomy of judgment</b> <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>• <b>Communicating knowledge and understanding</b> <ul style="list-style-type: none"> <li>○ x To be able to communicate with the clients to proceed with the normal clinical procedures</li> </ul> </li> <li>• <b>Communication skills</b> <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>• <b>Capacities to continue learning</b> <ul style="list-style-type: none"> <li>○ To be able to evaluate the clinical conditions of the patient</li> </ul> </li> </ul>
<p>Criteria for assessment and attribution of the final mark</p>	
<p><b>Additional information</b></p>	