Module title:	Dog and cat surgery					ECTS	4
Polish translation:	Chirurgia psów i kotów					•	
Course:	Veterinary Med	dicine					
Module language:	Fnglish				Stage:	JM-FVM	
Form of Intramural		□ hasic		Semester: 9		winter se	mester
studies:	Type of □ basic ☒ mandatory module: ☒ directional □ elective					summer semester	
			Academic year:	2021/2022	Catalogue number:		MSS-09Z- '3_21
Module coordinator:	Prof. dr hab. M		tuta Matarinan, Madisi	na. Danartma	ant of Conall Animal D	icasca and (Clinia DhD
Teachers responsible for the module:	Academic teachers of the Institute Veterinary Medicine; Department of Small Animal Disease and Clinic. PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study						
Objectives of the module:	qualify the palaboratory terms a spectrum of case. Lecture Course contellectures (11. Upper respfor surgical transcription) (12. Upper respfor surgical transcription) (13. Surgery of thoracotomy (14. Hernias, case) (15. Esophagea (16. Laparotom (17. Dilatation (17. Conservative (18. Bowel obstitut) (19. Bowel obstitut) (19. Bowel obstitut) (19. Bowel obstitut) (19. Surgical to methods of transcription) (19. Urinary transcription) (19. Urinary transcription) (19. Joint luxary (19. Skin and Stadical & cytose) (19. Skin and	atient towards sts etc.) can be sts etc.) can be of surgery proceedings suppler on the surgery process suppler on the surgery tract of eatment. P.I. suratory tract of eatment. P.II selected thoras uses and types I diseases in sny, indications, and volvulus of treatment and truction, types. Truc	Clinical symptoms and Clinical symptoms and in animals. Point of Symptoms, diagnost symptoms and diagnost imptoms and diagnost representation of surgical fracture lab-165 minutes): wound description, ors. Basics in oncolog gery. Multimodal the leal, inguinal. Diaphraral Wounds & hematert I: kidneys, ureters,	ning how discondition of sia protocol es s): symptoms symptoms are after the stathogenesis and diagnost and diagnost for treatment sics, treatment stics, treatment stics of bone treatment. symptoms, gic surgery: erapies. agmal hernicomas, otitis bladder	fferent diagnostic rethe potential surgers which can be used and differential diagnostic and differential diagnostic and recognition. Tressurgery and section of liquid in the section and cities — indications for surface in indications for surface in an impact of the section of from the section of from the section of the	methods (xery patient ed depended depen	reatment. reatment. cision and

		 Gastroinestinal tract occlusion part 1: acute gastric dilatation & volvulus (GDV), neoplasms, foreign body, pylorus diseases. Gastrotomy, gastropexia. Gastroinestinal tract occlusion part II: intussusception, neoplasms, conglomerates, foreign body. Enterotomy, enterectomy Traumatology – luxations and fractures. Joint injections Diagnosis and surgical treatment of rectal diseases, neoplasia of anus, rectal prolapse, perirectal gland diseases (inflammation, neoplasia) Amputations (limbs, digits, tails) Rules of ASA classification of patients, considering age, clinical status and disease 				
advancement. Anesthetic protocols & monitoring 15. Cardiorespiratory resuscitation. Practical aspects of small animal euthanasia						
Teaching forms, number of	f hours:	a) Lectures; hours 15 b) Clinical laboratories; hours 55				
Teaching methods:		Subject is conducted in form of lectures and labs. Wykłady są prowadzone w formie autorskich prezentacji multimedialnych z uwzględnieniem aspektów praktycznych i klinicznych. Labs are based on clinical cases or dead material. Each lab is divided into two parts. In first part individual disease entities (according schedule) are discussed, taking into account possible intraoperative difficulties, prognosis and complications. In the second part of the lab, which may differ from the introductory part, the students are involved in independent practical activities on a cadaver or at the patient under the supervision of an academic teacher. Based on the history, clinical examination and additional tests, differential diagnosis is discussed and the decision on the choice of surgical method is made. The surgical procedure is performed with the assistance of the student and during the surgery each steps of the procedure are discussed and explained. Postoperative management is also discussed, as well as possible complications and solutions. Detailed schedule of consultations will be defined by the coordinator of the course at the beginning of semester.				
Formal prerequisites and ir requirements:	nitial	Participating students should be well versed in Animal anatomy, Physiology, Histology topography, Clinical and laboratory Diagnostic, General Surgery and Anesthesiology Theoretical knowledge and manual skills from abovementioned modules				
Learning effects		Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*		
Knowledge:	1	rules for the handling and incapacitation of animals	B.W.4 B.W.5	3, 3		
	2	course, clinical symptoms, diagnosis and methods of surgical treatment of selected canine diseases and cats	B.W.2 B.W.3 B.W.4	2, 2, 3		
	3	basic issues in the field of anesthesiology	B.W. 6 B.W.9	2, 2		
Skills:	1	keep the rules of surgical asepsis while working in the operating theater and participating in operations	B.U. 14	3		
	2	carry out all the activities related to preparing the patient for the procedure yourself	B.U.1 B.U.2 B.U.3 B.U.4	3, 3, 3, 3		
	3	assist in surgical procedures and perform simple surgical procedures	B.U.11 B.U.13	2, 2		
	4					
Competences:	1	plan and conduct treatment in selected surgical units for small animals	K.S.1 K.S.2 K.S.4	2, 2, 2		
	2	cooperate in a medical team with an anesthesiologist and support staff	K.S.5 K.S.7 K.S.9	2, 2, 2		
	3	update knowledge and following the principles of professional ethics	K.S.4 K.S.5 K.S.8	2, 2, 2		
	4	critically assess knowledge and use scientific sources to supplement it	K.S.8 K.S.9	2, 2		
	5	share knowledge and competences with others	K.S.3 K.S.9	1, 2		
Objectives of the module r to obtain learning effects:	equired	The objective is for the student to learn basic surgery skills and to gain knowledge of diseatowards an operation. Explaining how different diagnostic methods (x-ray, USG, laboratory te the condition of the potential surgery patient. Teaching a spectrum of surgery procedures at can be used depending on the case. Lecture topics supplement practical classes	sts etc.) can be u	sed to assess		

	Final written test:
	The condition of taking a written test is participation in classes in accordance with the study regulations.
Assessment methods:	Written exam from the material of practical classes and lectures in the form of a single-choice verification tests and open
Assessment methods.	questionsNo extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote
	teaching and remote assessment methods might be adopted.
	The 20 single-choice test questions (each rated 1 point) and 5 open (each rated 2 point) A total of 30 points can be obtained.
	In order to pass the student must obtain at least 19 points.
	Rating scale
	3.0: 19-20 points
	3.5: 21-22 points
	4.0: 23-25 points
	4.5: 26-28 points
Detail description of assessment methods; Formal documentation of learning outcome:	5.0: 29-30 points
	The test I and the retake test are in the same form.
	Apart from the indicated methods of verification of learning outcomes (form, number) no additional are foreseen.
	In a top-down situation, suspending the implementation of classes at the University and the need for distance learning, other
	methods of verifying the learning outcomes will be implemented appropriately to the situation.
	No extra assessment methods are anticipated.
	In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be
	adopted.
	eHMS entry.
	Records collected in the course portfolio i.e. individual records of student results, presence lists, database of oral and written
	questions, written assessments of the students.
	100% test.
Elements impelling final grade:	The condition of obtaining a final credit is to obtain at least a satisfactory grade from the final written test from the material
	of practical classes and lectures.
	At the beginning of the semester (in agreement with the foreman of the year), three possible dates will be set, of which the
	student will be able to join two dates convenient for him/her. It is not possible to proceed outside the set dates. Random
	absences from these dates will not be taken into account.
Teaching base:	Lecture room, operating theatre, consultation rooms
Mandatory and supportive materials	
, ,,	on, Theresa Welch Fossum, Mosby Elsevier 2007
2.	
Relevant scientific publications, inclu	uding those of the module coordinator.
ANNOTATIONS	-

^{* 3 –} complete and detailed, 2 – moderate, 1 – basic.

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of	
the module - base for quantifying ECTS:	
Total ECTS points, accumulated by students during contact learning:	