

Module title:	Anaesthesia and pain management in veterinary practice	ECTS	1
Polish translation:	Anestezja i analgezja w praktyce weterynaryjnej		
Course:	Veterinary Medicine		

Module language: English		Stage: JM-FVM	
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☐ mandatory ☒ directional ☒ elective	Semester: 9	☒ winter semester ☐ summer semester
Academic year: 2022/2023		Catalogue number:	FVM-V-JMSS-09W-ED04_20

Module coordinator:		dr Katarzyna Siewruk		
Teachers responsible for the module:		dr Katarzyna Siewruk, Academic teachers of the IVM; Department of Large Animals and Clinic; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study		
Objectives of the module:		Objective of this module is to give students theoretical and practical directions and competences in the role of anaesthesiologist during common surgeries and veterinary procedures and in post-surgery and palliative pain management		
Teaching forms, number of hours:		a) Lectures; hours 15;		
Teaching methods:		Multimedia presentations based on the case-studies. Detailed schedule will be defined by the coordinator of the course at the beginning of semester. Detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.		
Formal prerequisites and initial requirements:		Equine diseases, Large Animal Diseases, General surgery and anaesthesiology, Veterinary pharmacology		
Learning effects		Course outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*
Knowledge:	1	Student knows how to collect, analyse and correctly interpret clinical data of cases.	B.W.4	3
	2			
Skills:	1	Student selects methods of safe sedation, general and local anaesthesia, and methods for pain evaluation and relief.	B.U.11	3
	2			
Competences:	1			
	2			
Objectives of the module required to obtain learning effects:		Objective of this module is to give students theoretical and practical directions and competences in the role of anaesthesiologist during common surgeries and veterinary procedures and in post-surgery and palliative pain management.		
Assessment methods:		Written single-choice test: 10 questions. No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.		

Detail description of assessment methods;	No extra assessment methods are anticipated.
Formal documentation of learning outcome:	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.
Elements impelling final grade:	100% test results: 1-5 pts 2 (failed) 6 pts 3 (sufficient) 7 pts 3.5 (sufficient +) 8 pts 4 (good) 9 pts 4.5 (very good) 10 pts 5 (excellent)
Teaching base:	Facilities of the Institute of Veterinary Medicine
Mandatory and supportive materials : 1.1.Veterinary anesthesia and analgesia, 5 th Edition of Lumb and Jones, 2016 2.Errors in veterinary anesthesia, John.W.Ludders,2017 3.Canine and feline anesthesia and co-existing disease, Lindsey B.C.Snyder and Rebecca A.Johnson, 2015 Relevant scientific publications including those of the module coordinator. Relevant scientific publications including 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:	25 h
Total ECTS points, accumulated by students during contact learning:	1 ECTS