

1 Syllabus

Module title:	Clinical toxicology of small animals	ECTS	1
Polish translation:	Toksykologia kliniczna małych zwierząt		
Course:	Veterinary Medicine		

Module language: English		Stage: JM	
Form of studies: <input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module: <input type="checkbox"/> basic <input checked="" type="checkbox"/> directional <input type="checkbox"/> accessory <input type="checkbox"/> rotation <input type="checkbox"/> summer practice	<input type="checkbox"/> mandatory <input checked="" type="checkbox"/> elective	Semester: ...9 Year 5 <input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
Academic year: 2023/2024		Catalogue number:	FVM-V-JMSS-09W-E21_23

Module coordinator:	dr hab. Marta Mendel				
Teachers responsible for the module:	n/a				
Unit responsible for the module:	Department of Preclinical Sciences				
Faculty in charge:	Faculty of Veterinary Medicine				
Objectives of the module:	During the course student acquires detailed information in the field of veterinary toxicology, including clinical course, diagnostics, treatment and prevention of animals' poisonings; All presented data focuses on small animals, including dogs and cats.				
Teaching forms, number of hours:	a) Lectures: 15 h b) ... c) ...				
Teaching methods:	The basic form of presentation of selected topics is a lecture given by a teacher. However, it should include student activity. Teaching methods involve: analysis of original papers, finding a solution to presented problems during discussions based on information presented by a teacher, presentation of short films showing specific symptoms of some most frequent poisonings.				
Formal prerequisites and initial requirements:	General toxicology, Animal physiology modules 1-2, Biochemistry modules 1-2, Veterinary pharmacology modules 1-2, Animal pathophysiology, Clinical and laboratory diagnostics modules 1-2 Student should know basic processes in regard to animal physiology and biochemistry and basic principles of toxicology				
Learning outcomes:	Knowledge: students describes the clinical course and the results of laboratory tests in animals intoxicated with individual poison students knows diagnostics procedures and basic therapeutical protocols of acute and chronic poisonings, including the knowledge of specific antidotes and principles of their use student knows how to distinguish between different poisonings that cause similar clinical symptoms (differential diagnostics)	Skills: student knows the reasons of the most prevalent poisoning in large animals	Competences:		
Assessment methods:	Written test at the end of the course				
Formal documentation of learning outcomes:	Signed test papers, grade in eHMS				
Elements impelling final grade:	<p>All lectures are mandatory. The attendance at 5 lectures or more will be benefited at the exam. One verification (written) exam at the end of semester – 3 questions for frequent lecture attenders of the lectures or 4 questions for other students. To pass the exam one must obtain at least 51% of total number of points (at least 8 out of 15 points or 10.5 out of 20 points in case of 3 and 4 questions, respectively). Failed test can be repeated once. Grading scale:</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">3-question test</td> <td style="width: 50%; text-align: center;">4-question test</td> </tr> </table>			3-question test	4-question test
3-question test	4-question test				

	Number of points	Grade	Number of points	Grade
	0-7.5	2 (failed)	0-10	2 (failed)
	8-9	3 (sufficient)	10.5-12	3 (sufficient)
	9.5-10.5	3.5 (sufficient +)	12.5-14	3.5 (sufficient +)
	11-12	4.0 (good)	14.5-16	4.0 (good)
	12.5-13.5	4.5 (very good)	16.5-18	4.5 (very good)
	14-15	5.0 (excellent)	18.5-20	5.0 (excellent)
Teaching base:	Lecture hall of the Faculty of Veterinary Medicine, laboratories of the Division of Pharmacology and Toxicology			
Mandatory and supportive materials :	1. Small Animal Toxicology, ME Peterson, PA Talcott, W. B. Saunders Company 2006 2. Clinical Veterinary Toxicology, red. KH Plumlee, Mosby, 2003 3. Veterinary Toxicology, red. RC Gupta, Elsevier, 2007 4. Toxicology, red. GD Osweiler, Williams and Wilkins, 1996			
ANNOTATIONS				

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

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*)
Knowledge -	student knows the reasons of the most prevalent poisoning in large animals	Other 2	2
Knowledge -	students describes the clinical course and the results of laboratory tests in animals intoxicated with individual poison	WW_NP6, WW_NP7, W_NK2, W_NK7	2;2;2;2
Knowledge	students knows diagnostics procedures and basic therapeutical protocols of acute and chronic poisonings, including the knowledge of specific antidotes and principles of their use	WW_NP6, WW_NP7, WW_NP10, W_NK2, W_NK3, W_NK4	2;2;2;2;2;2
Knowledge	student knows how to distinguish between different poisonings that cause similar clinical symptoms (differential diagnostics)	W_NK4	2

*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,

WZN-ZT-1Z-08Z-03_19

Kod Wydziału-Kod kierunku-Kod poziomu i formy-numer semestru Z zimowy L letni-numer przedmiotu w planie semestru_rok akademicki, od którego obowiązuje opis / 2019-2020 →19/

WZN – Wydział nauk o zwierzętach (kod HMS)

ROL	Rolnictwa i Biologii
WET	Medycyny Weterynaryjnej
LES	Leśny
OGR	Ogrodnictwa, Biotechnologii i Architektury Krajobrazu
BIS	Budownictwa i Inżynierii Środowiska
TDR	Technologii Drewna
WZN	Nauk o Zwierzętach
EKR	Nauk Ekonomicznych
NoZ	Nauk o Żywności
ZCZ	Nauk o Żywieniu Człowieka i Konsumpcji
WIP	Inżynierii Produkcji
ZIM	Zastosowań Informatyki i Matematyki
WNH	Nauk Społecznych

ZT – zootechnika

A	architektura krajobrazu
B	biologia
BD	budownictwo
BT	biotechnologia
BW	bioinżynieria zwierząt
BZ	bezpieczeństwo żywności
D	dietetyka
E	ekonomia
ER	ekologiczne rolnictwo i produkcja żywności
F	finanse i rachunkowość weterynaria
GH	gastronomia i hotelarstwo
GP	gospodarka przestrzenna
H	hodowla i ochrona zwierząt towarzyszących i dzikich
IB	inżynieria systemów biotechnicznych
IE	informatyka i ekonometria
IG	inżynieria i gospodarka wodna
IK	inżynieria ekologiczna
IN	informatyka
IS	inżynieria środowiska
L	logistyka
LS	leśnictwo
M	meblarstwo
O	ogrodnictwo
OR	ochrona zdrowia roślin
OS	ochrona środowiska
P	pedagogika
R	rolnictwo
S	socjologia
TD	technologia drewna
TE	technologie energii odnawialnej
TU	turystyka i rekreacja
TB	towaroznawstwo w biogospodarce
TZ	technologia żywności i żywienie człowieka
W	weterynaria
W-N	weterynaria weterynaria
Z	zarządzanie
ZC	żywienie człowieka i ocena żywności
ZP	zarządzanie i inżynieria produkcji
ZT	zootechnika

1Z – studia I stopnia niestacjonarne

1S – I st., stacjonarne;

2S – II st., stacjonarne;

2Z – II st., niestacjonarne