

Module title:	Dog and cat infectious diseases	ECTS	2
Polish translation:	Choroby zakaźne psów i kotów		
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-D19/4_20

Module coordinator:	Prof. Tadeusz Frymus
Teachers responsible for the module:	Academic teachers of the Institute of Veterinary Medicine
Unit responsible for the module:	IVM, Department of Small Animal Diseases with Clinic
Faculty in charge:	Faculty of Veterinary Medicine

Objectives of the module:	The subject of this course is etiopathogenesis, epidemiology, symptomatology, diagnosis, differential diagnosis and control of infectious diseases of dogs and cats - bacterial, viral and fungal, including these controlled by law The content of the classes supplements the material given during the lectures. Lecture topics (2 hours each); 1. Rabies – etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities. Zoonotic aspects 2. Canine parvovirus type 2 infection - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities. 3. Canine and feline vaccinology 4. Infections caused by canine coronavirus, canine adenovirus type 1, and Leptospira sp. - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 5. Canine distemper, kennel cough - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 6. Feline leukemia, feline immunodeficiency virus infection - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 7. Feline infectious peritonitis (FIP), panleukopenia - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities 8. Feline upper tract respiratory infections - etiology, pathogenesis, occurrence, epidemiology, diagnostic and control possibilities (1 hour) Tutorials: (2 hours each) 1. Rabies – diagnostics and control 2. Canine parvovirus type 2 infection – diagnostics and control 3. Infections caused by canine coronavirus, canine adenovirus type 1, and Leptospira sp. - diagnostics and control 4. Distemper, kennel cough, canine herpesvirus infection – diagnostics and control 5. Feline leukemia, feline immunodeficiency virus infection – diagnostics and control 6. Feline Infectious Peritonitis (FIP) - diagnostics and control 7. Panleukopenia, feline upper respiratory tract infections, feline haemotropic mycoplasmosis – diagnostics and control 8. Lyme Disease, dermatophytosis, anaplasmosis, ehrlichiosis - diagnostics and control 9. Differential Diagnosis of Infectious Diseases in Dogs and Cats 10. Oral exam
Teaching forms, number of hours:	a) Lectures; hours 15 b) Seminars; hours 20
Teaching methods:	The course is conducted in the form of lectures and tutorials in the form of original multimedia presentations, including practical and clinical aspects, containing videos and photos of clinical cases, case studies and discussion.
Formal prerequisites and initial requirements:	Obtaining a positive final grade in the following subjects: Epidemiology, Microbiology, Immunology, Virology, Pharmacology, Clinical Diagnostics

Learning outcomes:	Knowledge: 01- knows the rules of how to handle animals and technics methods of holding them 02 - knows the occurrence, importance, symptoms and combating the most important infectious diseases of dogs and cats 03 - knows the rules for collecting material for testing for infectious diseases 04- knows the methods of performing basic tests for infectious diseases 05- knows the rules for the prevention of infectious diseases	Skills: The student can: 01 - diagnose infectious diseases, including using laboratory diagnostics 02 - adjust pharmacological treatment for individual infectious diseases 03- combat infectious diseases 04- develop prevention programs for infectious disease	Competences: The student is ready to : 01- plan and conduct treatment of infectious diseases 02- works in a medical team with doctors dealing with internal medicine 03- update knowledge and follow the instructions principles of professional ethics 04- for critical assessment of own knowledge, 05 - to share knowledge
Assessment methods:	During the semester there are 2 written tests covering the content given during the lectures. Each test has 2 open questions. Each answer is assessed according to a scaled scoring system ranging from 0 to 5. To be admitted to the final oral exam an aggregated score over 50% of the maximum 20 resulting from 4 answers (that means 11) is needed. If the aggregated score is lower than 11 a retake (2 questions covering the matter of all lectures) will be necessary before the final oral exam, and to pass it the minimal score 6 is needed.		
Formal documentation of learning outcomes:	HMS 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:	To pass the final oral exam covering the material given during the lectures and tutorials a minimal score 3.0 is needed.		
Teaching base:	Labs and rooms in building of the Small Animal Clinic		
Mandatory and supportive materials :			
Mandatory: C.E. Greene, Infectious Diseases of the Dog and cat. ed.: IV edition, 2012, Elsevier			
Supportive: Thiry: Clinical Virology of the Dog and Cat, , 2006, Les Editions du Point Veterinaire			
Relevant scientific publications, including those of the module coordinator.			
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:	60 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 -	knows the rules of how to handle animals and technics methods of holding them	B.W.4 B.W.5	2 2
Knowledge -	knows the occurrence, importance, symptoms and combating the most important infectious diseases of dogs and cats	B.W.4 B.W.5	2 3
Knowledge -	knows the rules for collecting material for testing for infectious diseases	B.W.8 B.W.16	3 3
Knowledge -	knows the methods of performing basic tests for infectious diseases	B.W.4	3
Knowledge -	knows the rules for the prevention of infectious diseases	B.W.3	3
Skills -	can diagnose infectious diseases, including using laboratory diagnostics	B.U.2 B.U.3 B.U.6	2 2 3
Skills -	can adjust pharmacological treatment for individual infectious diseases	B.U.10	3
Skills -	can combat infectious diseases	B.U.8	3
Skills -	can develop prevention programs for infectious disease	B.U.21	3
Competences -	is ready to plan and conduct treatment of infectious diseases	KS.1	3
Competences -	is ready works in a medical team with doctors dealing with internal medicine	KS.4 KS.8	2 2

Competences	is ready to update knowledge and follow the instructions principles of professional ethics	KS.9 KS.10	2 2
Competences -	is ready for critical assessment of own knowledge	KS.7	2
Competences	is ready to share knowledge	KS.9	2