

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: <input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module: <input type="checkbox"/> basic <input checked="" type="checkbox"/> directional <input checked="" type="checkbox"/> mandatory <input type="checkbox"/> elective	Semester: 9	<input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
Academic year: 2020/2021		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; PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study
Unit responsible for the module:	IVM, Department of Small Animal Diseases with Clinic
Faculty in charge:	Faculty of Veterinary Medicine

Objectives of the module:	<p>As part of the course, knowledge about etiopathogenesis, epidemiology, symptomatology, diagnosing, differential diagnosis and control of canine and feline infectious diseases - bacterial, viral and fungal, including diseases controlled by law</p> <p>The content of the laboratory classes (seminars) supplements the material given during the lectures.</p> <p>Lecture topics:</p> <ol style="list-style-type: none"> 1. Rabies – etiology, pathogenesis, occurrence, epidemiology, diagnostics and control possibilities. Zoonotic aspects 2. Canine parvovirus type 2 infection - etiology, pathogenesis, occurrence, epidemiology, diagnostics 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, diagnostics and control possibilities 5. Canine distemper, kennel cough - etiology, pathogenesis, occurrence, epidemiology, diagnostics and control possibilities 6. Feline leukemia, feline immunodeficiency virus infection - etiology, pathogenesis, occurrence, epidemiology, diagnostics and control possibilities 7. Feline infectious peritonitis (FIP), panleukopenia, feline upper tract respiratory infections - etiology, pathogenesis, occurrence, epidemiology, diagnostics and control possibilities <p>Seminars: (each 2-hours)</p> <ol style="list-style-type: none"> 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, Feline upper respiratory tract infections, panleukopenia - diagnostics and control 7. Feline upper respiratory tract infections, panleukopenia - diagnostics and control 8. Borreliosis, dermatophytosis - etiology, pathogenesis, occurrence, epidemiology, diagnostics and control 9. Ehrlichiosis and anaplasmosis: etiology, pathogenesis, occurrence, epidemiology, diagnostics and control 9. Differential diagnostics of canine and feline infectious diseases
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Teaching forms, number of hours:	<ol style="list-style-type: none"> a) Lectures; hours 15 b) Seminars; hours 20
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Teaching methods:	The course is contains both lectures and seminars including multimedial presentations, practical and clinical aspects, videos and photos of clinical cases, as well as case studies and discussions. A detailed schedule of the lectures and seminars will be defined by the coordinator of the course at the beginning of the semester.
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Formal prerequisites and initial requirements:	Obtaining a positive final grade in the following subjects: Veterinary epidemiology, Microbiology, Immunology, Virology, Pharmacology, Clinical Diagnostics
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Learning outcomes:	<table border="0"> <tr> <td>Knowledge: 01- knows the rules of how to handle animals and methods of holding them</td> <td>Skills: The student can: 01 - diagnose infectious diseases, including laboratory diagnostics</td> <td>Competences: The student is ready to :</td> </tr> </table>	Knowledge: 01- knows the rules of how to handle animals and methods of holding them	Skills: The student can: 01 - diagnose infectious diseases, including laboratory diagnostics	Competences: The student is ready to :
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	02 - knows the occurrence, importance, symptoms and control of most important infectious diseases of dogs and cats 03 - knows the rules for collecting material for laboratory diagnostics of infectious diseases 04- knows the methods of performing basic tests for infectious diseases 05- knows the rules for the prevention of infectious diseases	02 - adjust pharmacological treatment for different infectious diseases 03- control of infectious diseases 04- develop prevention programs of infectious disease	01- plan and perform treatment of infectious diseases 02- work in a medical team with doctors dealing with internal medicine 03- update knowledge and follow the instructions of professional ethics 04- ready for critical assessment of own knowledge, 05 – ready to share knowledge
Assessment methods:	<p>After the end of the lectures series there will be a written test covering the content given during the lectures. The test has 2 open questions. Each answer will be assessed according to a scoring system ranging from 0 to 5 (that means that 2 answers can bring maximal 10). To be admitted to the final oral exam a total score 6 (= 60% of the max.) is needed. If the total score is lower than 6, a retake will be necessary.</p> <p>During the oral final exam 1 - 2 questions covering both the lectures and seminars will be given. To pass this a minimal grade 3.0 is needed.</p>		
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:			
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 E. 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 working 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	2
		B.W.5	2
Knowledge -	knows the occurrence, importance, symptoms and combating the most important infectious diseases of dogs and cats	B.W.4	2
		B.W.5	3
Knowledge -	knows the rules for collecting material for testing for infectious diseases	B.W.8	3
		B.W.16	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	2
		B.U.3	2
		B.U.6	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