

Module title:	Clinical pediatrics of dogs and cats	ECTS	1
Polish translation:	Pediatria kliniczna psów i kotów		
Course:	Veterinary medicine		

Module language:		Stage	
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"/> mandatory <input checked="" type="checkbox"/> elective	Semester: 11	<input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
Academic year:		2023-2024	Catalogue number: FVM-V-JMSS-11W-ED25_23

Module coordinator:	Prof. dr hab. Piotr Jurka		
Teachers responsible for the module:	Academic teachers of Institute of Veterinary Medicine, Department of Small Animal Diseases and Clinic. Doctoral students in accordance with the applicable internal legal act. Other specialists depending on the needs and possibilities.		
Unit responsible for the module:	Institute of Veterinary Medicine, Department of Small Animal Diseases		
Faculty in charge:	Faculty of Veterinary Medicine		
Objectives of the module:	<p>Acquaintance with the specifics of young dog and cat physiology and basic problems of the pediatric period. Preparation for proper handling of pediatric dogs and cats as well as for independent identification of problems and undertaking appropriate remedial actions in life-threatening situations of juvenile patients. The main goal is to master theoretical knowledge and acquire practical skills related to pediatrics of dogs and cats. The content of lectures is a supplement to the content of practical classes.</p> <p>Lecture topics: (each for 3 hours)</p> <ol style="list-style-type: none"> 1. Definition of pediatric period. Clinical examination and physiological norms. Proper development of dogs and cats. 2. Medicament used in pediatric animals. Basic treatment regimens. 3. Emergency care in pediatric dogs and cats. 4. Common diseases in pediatric dogs and cats. 5. Prophylaxis in pediatric period and recommended diagnostic tests. <p>Topics of exercises: (each for 3 hours)</p> <ol style="list-style-type: none"> 1. Specificity of pediatric period. Overview of the most common surgical procedures. 2. Anesthesia in newborns and in pediatric dogs and cats. 3. Palatoshisis – etiology, diagnosis, surgical correction of soft palate. Removal of persistent deciduous teeth. Dewclaw removal. 4. Portosystemic shunt. Persistent ductus arteriosus. 5. Pediatric castration of dogs and cats. Sewing abdominal wall of schistoma reffexum. 		
Teaching forms, number of hours:	<ol style="list-style-type: none"> a) Lectures; number of hours - 10 b) Clinical exercises; number of hours - 15 		
Teaching methods:	<p>The course is conducted in the form of lectures and practicals. Lectures in the form of original multimedia presentations, including practical and clinical aspects, practicals using biological material and patients of the Small Animal Clinic. During the classes students participate in care and treatment procedures. Multimedia teaching programs using the SEKTRA educational table are also used.</p> <p>According to an internally agreed schedule 1h / week, consultations outside the regular schedule. The manner of organizing consultations will be determined by the subject coordinator at the beginning of the semester.</p>		
Formal prerequisites and initial requirements:	Animal physiology, Clinical and laboratory diagnostics, Pathophysiology, Dog and cat diseases.		
Learning outcomes:	<p>Knowledge: The student knows:</p> <ol style="list-style-type: none"> 01 - fundamental differences in physiology and pathology between a pediatric animal and an adult 02- about the care of a healthy and problematic pediatric patient 03- about infectious and non-infectious agents, epidemiology, pathogenesis and diagnosis of pediatric diseases of dogs and cats 04- the principles of antibiotic therapy in pediatric animals and selects treatment accordingly 05- the correct medical nomenclature in relation to pediatric period of dogs and cats 	<p>Skills: The student can:</p> <ol style="list-style-type: none"> 01 - collect an interview and conduct a full clinical examination of pediatric patient 02 - give first aid to the pediatric animal and implements appropriate treatment 03 - diagnose the most common diseases of pediatric period in dogs and cats 	<p>Competences: The student is ready to:</p> <ol style="list-style-type: none"> 01 - assess the correctness of pediatric dogs and cats care 02 - assess the patient's condition and choose the right treatment, being aware of own decisions 03 - constantly deepen his/her knowledge and cooperate with other veterinarians
Assessment methods:	<p>Practical effects are verified during clinical classes on the basis of correctly performed veterinary activities under the supervision of the teacher. The correct performance of the activity is recorded as completed. The condition of joining the theoretical final credit is obtaining confirmation of the correct performance of the required practical activities (minimum two).</p>		

	<p>Final exam is in the form of a single-choice test. The test consists of 60 questions with 4 proposed answers, covering the content of lectures and practicals. The student must obtain a minimum of 42 points from the test to pass the test.</p> <p>Scale of points from the test:</p> <table border="1"> <thead> <tr> <th>Number of points</th> <th>Degree</th> </tr> </thead> <tbody> <tr> <td>Below 42</td> <td>2 (failed)</td> </tr> <tr> <td>42-45</td> <td>3</td> </tr> <tr> <td>46-49</td> <td>3+</td> </tr> <tr> <td>50-53</td> <td>4</td> </tr> <tr> <td>54-57</td> <td>4+</td> </tr> <tr> <td>58- 60</td> <td>5</td> </tr> </tbody> </table> <p>Apart from the indicated methods of verification of learning outcomes (form, number) no additional are foreseen. In a situation of suspending classes at the University and the need for distance learning, other methods of verifying the learning outcomes will be implemented according to the situation.</p>	Number of points	Degree	Below 42	2 (failed)	42-45	3	46-49	3+	50-53	4	54-57	4+	58- 60	5
Number of points	Degree														
Below 42	2 (failed)														
42-45	3														
46-49	3+														
50-53	4														
54-57	4+														
58- 60	5														
Formal documentation of learning outcomes:	Entry into the eHMS system and documentation included in the 'Course Portfolio' (individual student assessment cards, attendance lists, question sets, student essays.														
Elements impelling final grade	Admission to final credit: Number of absences from classes in accordance with the study regulations as admission to the test + obtaining credit for practical activities (minimum two) Final grade: 100% final score														
Teaching base:	Teaching rooms, laboratory, clinic, including doctor's offices and operating theater														
<p>Mandatory and supportive materials:</p> <ol style="list-style-type: none"> England G. Heimendahl A.; BSAVA Manual of canine and feline reproduction and neonatology. BSAVA.2014 Peterson M. Kutzler M. Small animal pediatrics. Saunders. 2010 															
<p>ANNOTATIONS</p> <p>For reasons of health and safety at the operating theater in the Small Animal Clinic, the participants should wear medical long pants and sweatshirts or aprons with short (non-elbow-long sleeves) and have with them: a surgical mask and cap, changed footwear or shoe covers with flat heels.</p>															

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	20 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 (each.)
Knowledge – K1	The student knows and understands the fundamental differences in physiology and pathology a pediatric animal and an adult	B.W.1, B.W.2	3
Knowledge – K2	The student knows about the care of a healthy and problematic pediatric patient	B.W.2, B.W.3, B.W.5, B.W.6, B.W.9, B.W.11, B.W.13	3
Knowledge – K3	The student knows about infectious and non-infectious agents, epidemiology, pathogenesis and diagnosis of pediatric diseases of dogs and cats	B.W.3, B.W.4, B.W.6	3
Knowledge – K4	The student knows the principles of antibiotic therapy in pediatric animals and selects treatment accordingly	B.W.3	3
Knowledge – K5	The student knows the correct medical nomenclature in relation to pediatric period of dogs and cats	B.W.4, B.W.6	3
Skills - S1	The student can collect an interview and conduct a full clinical examination of pediatric patient	B.U.1, B.U.2, B.U.3, B.U.5	3
Skills – S2	The student can give first aid to the pediatric animal and implements appropriate treatment	B.U.1,B.U.4,B.U.9,B.U.10, B.U.11,B.U.13,B.U.15	3
Skills – S3	The student can diagnose the most common diseases of pediatric period in dogs and cats	B.U.1,B.U.2,B.U.3,B.U.6, B.U.7,B.U.15	3
Competences – C1	The student is ready to assess the correctness of pediatric dogs and cats care	KS.1, K.S.2, K.S.3, K.S.4, K.S.5, K.S.7	2
Competences – C2	The student is ready to assess the patient's condition and choose the right treatment, being aware of own decisions	K.S.1, KS.2, K.S.4, K.S.5	2
Competences – C3	The student is ready to constantly deepen his/her knowledge and cooperate with other veterinarians	K.S.4, K.S.7 K.S.8, K.S.9	2