

Syllabus

Module title:	Veterinary otology	ECTS	1
Polish translation:	Choroby narządu słuchu zwierząt		
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 type="checkbox"/> mandatory <input checked="" type="checkbox"/> directional <input checked="" type="checkbox"/> elective	Semester: 10	<input type="checkbox"/> winter semester <input checked="" type="checkbox"/> summer semester
	Academic year:	2023-2024	Catalogue number: FVM-V-JMSS-10S-ED15_23
Module coordinator:	Dr hab. Michał Skibniewski		
Teachers responsible for the module:	Dr hab. Michał Skibniewski and Academic teachers of the Institute Veterinary Medicine; Department of Morphological Sciences PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study		
Unit responsible for the module:	Institute Veterinary Medicine; Department of Morphological Sciences		
Faculty in charge:	Faculty of Veterinary Medicine		
Objectives of the module:	<p>As part of the course, knowledge about small animals otology, especially dogs and cats will be provided. Teaching takes place in groups of several people. During the course, students will acquire skills to describe and identify disease entities in a given species, using the correct denominations. The specificity of the course will include issues such as: morphology of vestibulocochlear organ and its morphological and physiological connections with nervous system, etiology, pathogenesis and therapy of selected ear diseases in dogs and cats, as well as curative and surgical procedures in these species.</p> <p>Classes will be conducted in the form of lectures (6h) each time preceding the exercises (9h) for each group. The lectures are always an introduction to the subject of conducted exercises.</p> <p>The lectures are always an integral introduction to the tutorials covering manual issues that were presented during the theoretical part of the lectures.</p>		
Teaching forms, number of hours:	<p>a) Lectures 6 hours; b) Laboratory classes 9 hours;</p>		
Teaching methods:	<p>Lectures: multimedia presentations discussing practical and clinical aspects in the field of veterinary otology of dogs and cats.</p> <p>Laboratory practical provide for own work in groups of 1-3 people at each workplace using the material of the Department of Morphological Sciences and animal exenteration.</p> <p>Students' own work with preparations, in subgroups of their choice, regarding the identification of individual structures, descriptive elements of organs, species belonging, through analysis, palpation. Checking theoretical knowledge during written tests and practical skills during oral tests using preparations. Multimedia teaching programs using the SECTRA educational table. Consultations outside the regular series of classes - the organization of consultations will be determined by the subject coordinator at the beginning of the semester. Detailed schedule of the classes and detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.</p>		
Formal prerequisites and initial requirements:	Animal anatomy, Topographic anatomy, General surgery and anaesthesiology, Dog and cat diseases, Parasitology and invasiology, Veterinary pharmacology		

Learning outcomes:	Knowledge: 1- knows the anatomy of the head of dogs and cats 2 - knows selected ear diseases in dogs and cats 3 - knows procedures in the field of ear diagnostics and surgery for dogs and cats.	Skills: 4 - is able to independently interview and examine the patient in preserved consciousness and under general anesthesia 5 - can recognize selected ear diseases in dogs and cats 6 - can carry out surgical procedure such as Total Ear Cana Ablation (TECA), Ventral Bulla Osteotomy (VBO), Lateral Bulla Osteotomy (LBO)	Competences: 7 - is ready to independently carry out selected ear procedures in dogs and cats 8 - can analytically think and combine facts based on acquired knowledge and implement during animal treatment																					
Assessment methods:	<p>During the semester: theoretical credit in the form of a written multi-choice test, with the following knowledge provided in lectures and practical labs. The test consists of 50 questions, each rated as: 0, 0.5, 1, 1.5, 2 point scale, depending on whether the correct, partially correct or negative answer was given. The minimum number of points to pass is 70. The maximum number of points from the test = 100.</p> <p>The number of anticipated dates in the form of passing a single-choice written test from the following areas of knowledge provided in lectures and exercises - 2 dates - dates I and II are held in the same form.</p> <p>The final semester grade from the summer semester is issued based on the progression of points obtained by the Student.</p> <p>01 – knowledge acquired based test results – 100 % maximal number of points – 100</p> <table border="1" data-bbox="475 869 965 1055"> <thead> <tr> <th>Percentage range</th> <th>Points</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>0% - 69.5%</td> <td>0-69</td> <td>failed (2)</td> </tr> <tr> <td>70% - 74.5%</td> <td>70-74.5</td> <td>sufficient (3)</td> </tr> <tr> <td>75% - 79.5%</td> <td>75-79.5</td> <td>sufficient plus (3.5)</td> </tr> <tr> <td>80% - 84.5%</td> <td>80-84.5</td> <td>good (4)</td> </tr> <tr> <td>85% - 89.5 %</td> <td>85-89.5</td> <td>very good (4.5)</td> </tr> <tr> <td>90% - 100 %</td> <td>90-100</td> <td>excellent (5)</td> </tr> </tbody> </table> <p>No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.</p>			Percentage range	Points	Grade	0% - 69.5%	0-69	failed (2)	70% - 74.5%	70-74.5	sufficient (3)	75% - 79.5%	75-79.5	sufficient plus (3.5)	80% - 84.5%	80-84.5	good (4)	85% - 89.5 %	85-89.5	very good (4.5)	90% - 100 %	90-100	excellent (5)
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Formal documentation of learning outcomes:	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:	<p>Final grade for the subject (FG) entered in the eHMS system</p> <p>Lecture and tutorial grade (LTG) = 66% Seminar grade (SG) = 17% Assessment of own problem grade (AOPG) = 17% Calculating the final grade in the subject: FG = (0.66 x LTG) + (0.17 x SG) + (0.17 x AOPG)</p>																							
Teaching base:	SGGW infrastructure; dissection room of the Department of Morphological Sciences.																							
Mandatory and supportive materials: <ol style="list-style-type: none"> 1. Fossum T.W., Small animal surgery, 4th edition., 2012, Mosby 2. Harvey R.G., Harari J., Delauche A.J., Ear diseases of the dog and cat, Manson Publishing 2001, London 3. Devitt C.M., Seim H.B., Willer R., McPherron M., Neely M., Passive drainage versus primary closure after total ear canal ablation-lateral bulla osteotomy in dogs: 59 dogs (1985-1995). Veterinary Surgery, 1997, 26: 210-216 4. Cole L.C., Anatomy and physiology of the canine ear. Veterinary Dermatology, 2009, 20: 412-421 5. Harari J., Small animal surgery, 1996, Williams and Wilkins, Baltimore 6. Koenig H.E., Veterinary Anatomy Domestic Mammals - Textbook and Colour Atlas. Blackwell Science. 2009 7. K. M. Dyce, Wolfgang O. Sack, C. J. G. Wensing Textbook of Veterinary Anatomy 3rd edition. Elsevier. 2009 8. 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:	16 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 each of the course outcomes
Knowledge -	1 - knows the anatomy of the head of dogs and cats	B.W.3, B.W.4, B.W.5, B.W.6	3
		B.W.1, B.W.2	1
Knowledge -	2 - knows selected ear diseases in dogs and cats	B.W.3, B.W.4, B.W.5, B.W.6	3
		B.W.1, B.W.2	1
Knowledge -	3 - knows and knows procedures in the field ear diagnostics and surgery in dogs and cats.	B.W.3, B.W.4, B.W.5, B.W.6	3
		B.W.1, B.W.2	1
Skills -	4 - is able to independently interview and examine the patient in preserved consciousness and under general anesthesia	B.U.2, B.U.3	3
		A.U.12	1
Skills -	5 - can recognize selected ear diseases in dogs and cats	B.U.3, B.U.4	3
		A.U.12, A.U.14	1
Skills -	6 - can carry out surgical procedure such as Total Ear Cana Ablation (TECA), Ventral Bulla Osteotomy (VBO), Lateral Bulla Osteotomy (LBO)	B.U.11, B.U.13	3
		A.U.14	2
		A.U.16, A.U.19, A.U.23	1
Competences -	7 - is ready to independently carry out selected oral procedures in dogs and cats	KS.2, KS.4, KS.5, K.6, K.8	3
		KS.1., KS.7, KS.9, KS.10	2
Competences -	8 - can analytically think and combine facts based on acquired knowledge and implement during animal treatment	KS.2, KS.4, KS.5, K.6, K.8	3
		KS.1., KS.7, KS.9, KS.10	2