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| Code of subject | M_WE_SEM11 CHPK ST2 |
| Field of study | Veterinary |
| Name of the training module including the Polish name | Diseases of dogs and cats – clinical training. Block 2 Choroby psów i kotów - staż. Blok 2 |
| Language of instruction | English |
| Type of the training module | obligatory |
| Level of the training module | Master level |
| Form of studies | stationary |
| Location in the programme (year) | VI |
| Location in the programme (semester) | XI |
| Number of ECTS credits with a division into contact/noncontact | 7 (4/3) |
| Name and surname of the person in charge | prof. Stanisław Winiarczyk |
| Unit offering the subject | Department and Clinic of Animal Surgery Department and Clinic of Animal Internal Diseases, Department and Clinic of Animal Reproduction Department of Epizootiology and Clinic of Infectious Diseases |
| Aim of the module | Mastering practical skills in blood diseases of dogs and cats. Familiarisation with the basic principles of diagnostics and therapeutics, including surgical, treatment of surgical diseases of dogs and cats, as well as prophylactic management, including infectious diseases. |
| Learning outcomes – the total number of learning outcomes may not exceed (4-8) for the module. The description of the intended learning outcomes that a student should achieve after the completion of the module should be provided. The outcomes for all forms of classes used should be presented. | Knowledge: |
| | The student knows and understands: |
| | K1. Has extended knowledge of diseases occurring in dogs and cats and of the pathology mechanisms of individual systems. |
| | K2. Has working knowledge of the diagnostic management and therapy of individual diseases in dogs and cats. |
| | Skills: |
| | The student can: |
| | S1. Take medical story, conduct clinical examination according to the clinical examination plan, analyse in detail and correctly interpret clinical symptoms, the results of laboratory and additional examinations, formulate diagnoses, taking differential diagnosis into account, and undertake therapeutic and prophylactic actions. |
| S2. Prescribe human medicines and psychotropic substances necessary for proper therapy of a patient – according to the drug cascade and binding regulations. | |
| S3. Perform basic veterinary medical procedures on dogs and cats. | |
| S4. Apply sedation, anaesthesia, aseptic and antiseptic principles and perform basic surgical and gynaecological-obstetric procedures in dogs and cats. | |
| S5. Follow procedures when identifying suspected rabies in a dog or cat. | |

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| | <p>Social competence:</p> <p>The student is prepared to:</p> <p>C1. Observe the principles of professional ethics</p> <p>C2. Understand their own limitations, the necessity of constant education and self-improvement in the field of canine and feline diseases.</p> |
| <p>Preliminary and additional requirements</p> | <p>according to the Sequence of subjects</p> |
| <p>Contents of the training module – a compact description of approx. 100 words.</p> | <ol style="list-style-type: none"> 1. Evaluation of the medical story and performing clinical examination. 2. Animal restraint 3. Understanding of the procedures of personal safety and OH&S of the workplace 4. Clinical documentation 5. Collection, transport and storage of the material for basic diagnostic procedures (blood, urine, etc.) 6. Selection of analytical method for the analysed parameter 7. Preparation of cover letter / prescription for auxiliary tests 8. Operation of basic diagnostic equipment 9. Preparation and microscopic evaluation of biological material 10. Issuing of the prescription 11. Issuing of the prescription for narcotica 12. Detailed examination of the organ / system 13. Rectal examination 14. Medical imaging interpretation (USG, x-ray, etc.) 15. Follow-up examination 16. Interpretation of laboratory tests results. 17. Injection 18. Vascular access 19. Preparation and administration of fluids 20. Animal care procedures 21. Choice of the treatment adequate for the diagnosed disease including medication 22. Understanding of the use of biopreparations and chemotherapeutics 23. Preparation of surgeon's table 24. Assistance during surgery / gynaecological-obstetrical procedure 25. Tissue suturing 26. Intubation 27. Claw correction 28. Wound dressing 29. Application / change of the medical dressing 30. Bladder emptying procedure 31. Probing |

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| | <p>32. Assistance during anesthesia</p> <p>33. Vaginal examination</p> <p>34. Transcervical catheterisation / insemination</p> <p>35. Preparation of the vaccination scheme</p> |
| Recommended and obligatory reading list | <ol style="list-style-type: none"> 1. Small Animal Surgery – T. Fossum 2. Textbook of Small Animal Surgery, vol. 2 - D. Slatter 3. Veterinary Surgery: Small Animal – S.A. Johnston, K.M. Tobias 4. Manual of small animal soft tissue surgery - K.M.Tobias 5. Diagnostic Atlas of Veterinary Ophthalmology - K.B arnett 6. Small Animal Ophthalmic Atlas and Guide - C.C. Lim 7. Veterinary Ocular Emergencies - D.L. Williams, K. Barrie, T.F. Evans 8. Veterinary ophthalmologic surgery - K.N.Gelatt, J.P.Gelatt 9. Oral And Maxillofacial Surgery In Dogs And Cats – F. Verstraete M. L. B. Arzi 10. Small Animal Internal Medicine – R.W. Nelson R.W., C.G. Couto 11. Textbook of Veterinary Internal Medicine - S.J. Ettinger, E.C. Feldman, E. Cote 12. Handbook of small animal gastroenterology - T.R.Tams 13. Small animal gastroenterology - J.M.Steiner 14. Manual of small animal reproduction and neonatology - G.Simpson 15. BSAVA Manual of canine and feline reproduction and neonatology - G.England, A. von Heimendahl 16. Muller and Kirk's Small animal dermatology - D.W.Scott 17. Infectious diseases of the dog and cat - C.E.Greene 18. Canine and feline infectious diseases - J.E.Sykes 19. Canine infectious diseases - K.Hartmann, J.Sykes 20. Blackwell's five-minute veterinary consult - canine and feline - L.P.Tilley, F.W.K.Smith <p>Scientific publications indicated by the instructor in the field of the discussed educational contents and scientific research conducted in the unit.</p> <p>Thematic articles in professional journals of small animal practitioners.</p> |
| The intended forms/activities/ teaching methods | Clinical training carried out in the Veterinary Clinic of Faculty of Veterinary Medicine in Lublin, discussion of clinical cases, discussion. |
| Methods of verification and documentation forms of the achieved learning outcomes | <p>Detailed criteria for the assessment of exams and test assignments</p> <p>K – discussion, analysis of clinical cases.</p> |

S – passing practical skills – basic procedures for animals, dressings, injections, infusions, assisting in surgical procedures, preparing a medical history

C – participation in discussion, behaviour in front of the patient, conversation with the animal caretaker, behaviour in the office
Students may acquire individual skills during internships – knowledge of individual procedures is evidenced by entry in the Day One register and written assignments are retained for a period in accordance with regulations.

Dog and Cat Surgery:

Students' knowledge is verified by analysing and discussing clinical cases. Assessment is made of the performance under the supervision of the attending doctor of veterinary medicine during the admission of patients and surgical procedures. Situations and approach to patients, ability to communicate in a team and ability to start a conversation with an animal owner are analysed and discussed. All components are elements of the practical assessment. The grading scale is in accordance with the Book of Education Quality, i.e. 2-5 in%.

Internal diseases of dogs and cats:

Verification of knowledge, skills and social competences is carried out jointly through observation of the student's practical and professional activities: performed clinical examination with a history, manner of communication with owners, accuracy of diagnostic and therapeutic decisions made and level of social competences presented. Documentation of learning outcomes is done by making entries in the student's internship scorecard. The final grade is determined by the level of the presented knowledge, the practical efficiency of the performed examinations and procedures, and the attitude concerning the presented social competences. The assessment is made by the academic teacher based on the principles of good clinical practice and the code of veterinary ethics and deontology. The grading scale is in accordance with the Book of Education Quality, i.e. 2-5 in%.

Reproduction in dogs and cats:

K – Knowledge outcomes – discussion, analysis of clinical cases – as part of the practical credit – graded. The student is asked 2-3 questions. To get a positive mark, the student must answer at least 60% of each question.

S – Outcomes in the scope of skills – assessment of the correctness of veterinary activities performed under the supervision of the instructor during the service of the patient. Graded practical assessment – the student is given 1-2 practical tasks to perform. To receive a positive grade, the student must

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| | <p>complete each task at least 60% correctly. The final grade is the average of the grades for each theoretical question and each practical task, according to the criteria specified in the Book of Education Quality.</p> <p>C – Outcomes in the scope of competences – discussion, analysis of clinical situations.</p> <p>Infectious diseases of dogs and cats:</p> <p>To be allowed to pass the training, the student must present an approved medical story, prepared on the basis of a sheet developed by the Clinic.</p> <p>Credit for the training is given in the form of an oral response with an animal. The student answers 5 questions and can receive 2 points for each question. The maximum number of points is 10. At least 60%, i.e. 6 points, must be obtained to receive a pass. Questions and scores are recorded. The grading scale is in accordance with the recommendations of the Book of Education Quality. Written assignments are archived for a period of time in accordance with regulations.</p> <p>Credit for the training in “Dog and cat diseases – training, block 2” is based on a closed single-choice test consisting of 100 questions, each scored 1 point. The scope includes questions from courses taken in all four departments, each department preparing 25 questions. A maximum of 100 points is achievable. A passing grade requires at least 60%, i.e. at least 60 correct answers. The point thresholds are set in accordance with the guidelines of the Book of Education Quality. The grades obtained are entered in the Virtual Dean’s Office, while written assignments are archived for a period of time in accordance with the regulations.</p> | | |
| Balance of ECTS credits | CONTACT | | |
| | | <i>Hours</i> | <i>ECTS</i> |
| | classes – clinical training | 60 | 2,4 |
| | credit for training | 35 | 1,4 |
| | consultations | 5 | 0,2 |
| | TOTAL contact hours | 100 | 4 |
| | NON-CONTACT | | |
| | preparation of medical story | 15 | 0,6 |
| | preparation to exam | 30 | 1,2 |
| | studying literature of selected clinical cases | 30 | 1,2 |
| | TOTAL non-contact hours/ ECTS credits | 75 | 3 |
| Number of contact hours | classes – clinical training | 60 | 2,4 |
| | credit for training | 35 | 1,4 |
| | consultations | 5 | 0,2 |

| | TOTAL contact hours | 100 | 4 |
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| Relationship between subject learning outcomes and veterinary studies learning outcomes | K1. – WE_W17 +++ K2. – WE_W18 +++, WE_W21 +++ S1. – WE_U14 +++, WE_U16 +++, WE_U19 +++ S2. – WE_U23 +++. S2. – WE_U17 +++, WE_U24 +++ S3. – WE_U16 +++, WE_U19 +++, WE_U25 +++ S4. – WE_U21 +++ Sc1. – WE_K2 +++ Sc2. – WE_K5 +++, WE_K6 +++ | | |
| Impact of selected compounds to final grade | <p>Dog and Cat Surgery: The preliminary requirement for passing the course is the participation in the required number of class hours and receiving a positive grade – 100% of the final grade.</p> <p>Internal diseases of dogs and cats: The final grade is determined by the level of the presented knowledge, the practical efficiency of the performed examinations and procedures, and the attitude concerning the presented social competences. The assessment is made by the academic teacher based on the principles of good clinical practice and the code of veterinary ethics and deontology. The preliminary requirement for passing the course is the participation in the required number of class hours and receiving the practical credit – 100% of the final grade.</p> <p>Reproduction in dogs and cats: The preliminary requirement for passing the course is the participation in the required number of class hours, passing the “history of disease” – 50% of the final grade and receiving a practical credit – 50% of the final grade.</p> <p>Infectious diseases of dogs and cats: The final grade for the internship consists of 100% of the oral grade. The final grade is equal to 100% of the grade from the credit test.</p> | | |