



Surgery of dogs and cats II

ECTS: 4.00

SUBJECT MATTER CONTENT

LECTURE

The content of the lectures covers the following topics: Urinary obstruction. Symptoms, diagnosis, treatment. Hernias, causes and types of hernias, clinical symptoms, principles of therapeutic management Peritonitis. Occurrence, causes, symptoms and diagnosis, treatment. Causes, classification, symptoms and diagnosis of bone breaks in animals. Emergency management of bone fractures. Fracture healing biology. Conservative methods of fracture treatment Indications and methods of surgical treatment of fractures. Complications in the treatment of fractures. Joint dislocations and surgical procedures. Post-traumatic patient, rules of conduct in life-threatening situations Surgical methods of treating tumors in small animals. Indications for surgery. Methods of surgical treatment of neoplasms.

AUDITORIUM CLASSES

EXERCISES: The topics of the exercises include: Procedures for the ears: hematoma of the auricle, exposure of the opening and complete removal of the external auditory canal. Treatments on the soft palate, esophagus and trachea. Surgical procedures on the male urethra: urethrotomy, urethrostomy, procedures around the anus, perineum and tail. Cryotherapy. Orthopedic diagnosis of dogs and cats. Basics of neurosurgery. Surgical treatment of fractures in dogs and cats. Non-surgical treatment of fractures in dogs and cats. Diagnostics and arthroscopic surgery in dogs. Joint diseases and their treatment.

PRACTICAL CLASSES

EXERCISES: The topics of the exercises include: Procedures for the ears: hematoma of the auricle, exposure of the opening and complete removal of the external auditory canal. Treatments on the soft palate, esophagus and trachea. Surgical procedures on the male urethra: urethrotomy, urethrostomy, procedures around the anus, perineum and tail. Cryotherapy. Orthopedic diagnosis of dogs and cats. Basics of neurosurgery. Surgical treatment of fractures in dogs and cats. Non-surgical treatment of fractures in dogs and cats. Diagnostics and arthroscopic surgery in dogs. Joint diseases and their treatment.

TEACHING OBJECTIVE

To acquaint students with the techniques of surgical treatment of dogs and cats and preparation for use acquired knowledge in clinical work.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline:

R/WA_P7S+++

Legal acts specifying learning outcomes:
682/2020
Disciplines: Veterinary science
Status of the course: Obligatoryjny
Group of courses: B - przedmioty kierunkowe
Code: ISCED 0841
Field of study: Veterinary Medicine
Scope of education:
Profile of education: General academic
Form of studies: full-time
Level of studies: uniform master's studies
Year/semester: 6/11

Types of classes: Lecture, Practical classes, Auditorium classes
Number of hours in semester: Lecture: 15.00, Practical classes: 10.00, Auditorium classes: 20.00
Language of instruction: Polish
Introductory subject: Anatomy, topographic anatomy, pathophysiology, pharmacology, general surgery and anesthesiology
Prerequisites: Ability to tame animals, perform injections, knowledge of the topography of individual organs, mechanisms of action of drugs used in animal anesthesia and their doses, knowledge of antiseptics, antibiotics

Name of the organisational unit conducting the course: Katedra Chirurgii i Rentgenologii z Kliniką
Person responsible for the realization of the course: dr hab. wet. Yauheni Zhaliarovich, prof. UWM
e-mail: eugeniusz.zolnierowicz@uwm.edu.pl

Additional remarks:

Symbols for outcomes related to the field of study:

B.U12. +, A.W10. +, A.U14. +, A.W16. +, A.U16. +, B.U14. +, K.8.+ , B.W2. +, B.U4. +, B.W1. +, K.2.+ , A.W1. +, B.W5. +, A.U13. +, A.W20. +, B.U3. +, B.W6. +, B.U11. +, B.U13. +, K.9.+ , A.U12. +, B.W4. +

LEARNING OUTCOMES:

Knowledge:

W1 – He knows and understands issues in the field of canine and feline anesthesiology. He knows the surgical procedures performed on the abdominal cavity. He knows the surgical access to laparotomy.

Skills:

U1 – He can implement the principles of asepsis and antisepsis, taking into account the specificity of surgical procedures in dogs and cats. He can choose the right surgical tools for abdominal procedures in dogs and cats.

Social competence:

K1 – He puts the patient's well-being in the first place.

TEACHING FORMS AND METHODS:

Lecture(W1;U1;K1;):Lectures are conducted in the form of original multimedia presentations, taking into account practical and clinical aspects.

Practical classes(W1;U1;K1;):The exercises are conducted with the participation of patients of the Clinic of the Department of Surgery or with didactic models (phantoms).

Auditorium classes(W1;U1;K1;):Auditorium exercises conducted in the form of original multimedia presentations with particular emphasis on practical and clinical aspects, and with the use of video materials.

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Written exam) - Written exam - Issues of the final exam include the content presented during lectures on the subject of Canine and Feline Surgery I and Canine and Feline Surgery II. To pass the final exam, you must obtain a positive grade for each of the received exam questions. The final grade for the exam is issued on the basis of the arithmetic mean value of the grades obtained for each question. The rounding of the rating is based on the following ranges: mean ≥ 4.76 : very good (5.0); average in the range of 4.26 - 4.75: good plus (4.5); average in the range: 3.76 - 4.25: good (4.0); average in the range of 3.26 - 3.75: sufficient plus (3.5); mean ≤ 3.25 : satisfactory (3.0). The student may take the exam improvement twice. In the event of a top-down suspension of classroom classes and the necessity of distance learning, the methods of verifying the achievement of learning outcomes declared in the syllabus, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

Practical classes (Colloquium practical) - Practical colloquium - 1 practical colloquium is held during the semester. In order to pass the test, the practical part must be properly completed. The student may attempt to correct the test twice. The condition for receiving the final pass in the exercises is to obtain a positive mark in the practical test. If all tests are passed, the final grade for the exercises is issued on the basis of the arithmetic mean value of both grades obtained during the tests. Failure to pass any of the tests is tantamount to obtaining an unsatisfactory final grade in the exercises. In the event of a top-down suspension of classroom classes and the necessity of distance learning, the methods of verifying the achievement of learning outcomes declared in the syllabus, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

Auditorium classes (Oral test) - Oral test - There are 2 oral tests per semester. To pass the test, you should provide at least 65% of the answers to individual questions. The grading of grades is based on the score thresholds described in the faculty procedure "Principles of grading students". The student may attempt to correct the test twice. The condition for receiving the final pass from the exercises is to obtain positive grades from all tests taking place during the course. In case of passing all the tests, the final grade for the exercises is issued on the basis of the arithmetic mean value of all the grades obtained in the tests. Failure to pass any of the tests is tantamount to obtaining an unsatisfactory final grade in the exercises. In the event of a top-down suspension of classroom classes and the necessity of distance learning, the methods of verifying the achievement of learning outcomes

declared in the syllabus, i.e. the forms of passing the exam and exercises, may change in a manner appropriate to the situation. -

BASIC LITERATURE:

1. T. W. Fossum, *Chirurgia małych zwierząt*, Tom 1, 2, 3, Wyd. Elsevier Urban, R. 2009
2. M. Galanty, *Chirurgia małych zwierząt*, Tom 1, 2, 3, Wyd. PWRiL, R. 2013
3. Muir WW, Hubbell JAE, Bednarski RM, Skarga RT, *Anestezjologia weterynaryjna*, Wyd. Elsevier Urban, R. 2008
4. Schebitz H, Brass W, *Techniki operacyjne psów i kotów*, Wyd. Galaktyka, R. 2007

SUPPLEMENTARY LITERATURE:

1. Brinker, Piermattei, Flo, *Handbook of Small Animal Orthopedics and Fracture Repair*, Wyd. W.B. Saunders, R. 2016

