



Surgery of dogs and cats I

ECTS: 2.00

SUBJECT MATTER CONTENT

LECTURE

The content of the lectures covers the following topics: Laparotomy in animals. Indications for laparotomy. Types of abdominal cuts. Closure of the integuments after laparotomy. Diseases of the esophagus in small animals. Types, clinical symptoms and diagnosis. Treatment management. Dilation and torsion of the stomach. Etiopathogenesis. Symptoms and recognition. Conservative and surgical treatment. Intestinal obstruction. Types of obstruction. Clinical symptoms and diagnosis.

AUDITORIUM CLASSES

EXERCISES: The topics of the exercises include: Laparotomy in small animals. Abdominal topography. Surgical procedures in the abdominal cavity: gastroenterotomy, bowel resection, splenectomy. Hernias. Celiotomy. Oral treatments. Brachycephalic syndrome.

PRACTICAL CLASSES

EXERCISES: The topics of the exercises include: Laparotomy in small animals. Abdominal topography. Surgical procedures in the abdominal cavity: gastroenterotomy, bowel resection, splenectomy. Hernias. Celiotomy. Oral treatments. Brachycephalic syndrome.

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+++

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.

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 individual treatments in dogs and cats.

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: 5/10

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 Zhalniarovich, prof. UWM
e-mail: eugeniusz.zolnierowicz@uwm.edu.pl

Additional remarks:

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 (Oral test) - Oral test - The content and issues presented during the lectures Canine and Feline Surgery I will be included in the final exam in the subject of Canine and Feline Surgery, which will be held in the next semester after completing the series of lectures Canine and Cat Surgery II. 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 - 1 oral test is held during the semester. To pass the test, at least 65% of each question should be answered correctly. The student may attempt to correct the test twice. The condition for receiving the final exam in the exercises is to obtain positive grades from the oral and practical colloquium. 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