



## Gastroenterology of dogs and cats

ECTS: 1.00

### SUBJECT MATTER CONTENT

#### LECTURE

Introduction to gastroenterology. Diseases of the digestive system: esophagus, stomach, intestines, anus and digestive glands (liver, pancreas) and bile ducts. Lectures teach the student diagnostics and endoscopic examination techniques, knowledge about endoscopic equipment, principles of endoscopic examination of the anterior and posterior gastrointestinal tract.

#### LABORATORY CLASSES

Exercises shape the practical ability of endoscopic examination, interpretation of results and the handling of equipment after surgery. Preparation of the patient. Performing of esophagogastroduodenoscopy, rectoscopy and colonoscopy in dogs and cats. Principles of cleaning and disinfecting the equipment after the procedure.

#### TEACHING OBJECTIVE

The lectures teach the student the techniques of endoscopic examination. The exercises teach the student to perform an endoscopic examination in practice, to interpret the results and to handle the equipment after the procedure.

#### 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. +, B.U14. +, K.8.+ , C.U2. +, A.U6. +, B.W9. +, A.U21. +, B.W2. +, A.W1. +, B.W5. +, B.U21. +, A.W20. +, B.U3. +, K.4.+ , B.W6. +, C.W3. +, B.U7. +, K.9.+ , B.U13. +, A.U12. +, B.W4. +, A.U4. +, C.U3. +

#### LEARNING OUTCOMES:

##### Knowledge:

W1 – Students should have an extensive knowledge of the diagnosis of gastrointestinal diseases of companion animals. They should know the mechanisms of organ pathologies, differences in the procedures and treatment of particular gastroenterological diseases. The student should understand the goals and principles of implementing the prevention of gastrointestinal diseases in dogs and cats.

W2 – the student should know the principles of animal welfare, medical nomenclature, safety rules

##### Skills:

**Legal acts specifying learning outcomes:**  
682/2020  
**Disciplines:** Veterinary science  
**Status of the course:** Fakultatywny  
**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, Laboratory classes

##### Number of hours in

**semester:** Lecture: 5.00, Laboratory classes: 10.00

**Language of instruction:** Polish

**Introductory subject:** Clinical and laboratory diagnostics, Internal diseases of dogs and cats

**Prerequisites:** knowledge of the anatomy, clinical diagnosis and symptomatology of gastrointestinal diseases in dogs and cats

**Name of the organisational unit conducting the course:** Katedra Diagnostyki Klinicznej

**Person responsible for the realization of the course:** prof. dr hab. wet. Andrzej Rychlik  
**e-mail:** rychlik@uwm.edu.pl

**Additional remarks:** practical classes in groups of up to 12-15 students, Depending on the epidemiological situation, it is allowed to change the form of exercises and lectures

U1 – The student should evaluate and analyze clinical symptoms, describe changes in the functioning of the body and changes in the values of laboratory parameters, use endoscopic equipment, be able to assess the severity of disease symptoms in the examined patient

U2 – Student should apply appropriate treatment depending on the diagnosed disease and the advancement of the changes. Use appropriate methods of cleaning and disinfecting the equipment. The student should be able to put into practice the assumptions of the disease prevention program, be able to implement preventive programs, process information using IT tools, use modern sources of veterinary knowledge

**Social competence:**

K1 – The student should be aware of the appropriate treatment of gastroenterological patients, should use objective sources of information, perform reliable self-assessment, expand knowledge and communicate with employees

**TEACHING FORMS AND METHODS:**

Lecture(W1;U1;U2;):information lecture, problem lecture, lecture with multimedia presentation

Laboratory classes(W2;U1;U2;K1;):basic skills in the use of endoscopes, practical training in performing an endoscopic examination

**FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:**

Lecture (Colloquium test) - multiple choice test. To pass the final test, student must obtain at least 65% of the points available. The grading of grades is based on established point thresholds, i.e. assigning the grade to a specific percentage of points that can be obtained. These thresholds are as follows: 94-100% very good (5.0), 87-93% good plus (4.5), 80-86% good (4.0), 73-79% satisfactory plus (3.5), 66-72% pass (3.0), less than 65% and less fail (2.0). Depending on the epidemiological situation, it is allowed to change the form of test - Laboratory classes (Colloquium practical) - -

**BASIC LITERATURE:**

1. Edward Hall, David L. Williams, *Canine and Feline Gastroenterology*, Wyd. BSAVA, R. 2020
2. Nelson R.W., Couto C.G., *Choroby Wewnętrzne Małych Zwierząt*, Tom I,II, Wyd. Urban Partner, Wrocław, R. 2009
3. Niemand H.G., Suter P., *2003 Praktyka kliniczna: Psy*, Wyd. Galaktyka. Łódź, R. 2006
4. Horzinek M,C., Smidt V., Lutz H., *Praktyka kliniczna: koty.*, Wyd. Galaktyka Łód, R. 2005
5. McCarthy T.C., *Veterinary Endoscopy for the Small Animal Practitioner*, Wyd. John Wiley Sons, R. 2020

**SUPPLEMENTARY LITERATURE:**

1. Ettinger S.J., Feldman E.C, Cote E., *Textbook of Veterinary Internal Medicine*, Tom I, Wyd. Elsevier, R. 2017
2. Nelson, Richard W., C. Guillermo Cout, *Small Animal Internal Medicine*, Wyd. Elsevier, R. 2019