



Otorhinolaryngology of dogs and cats

ECTS: 1.00

SUBJECT MATTER CONTENT

LECTURE

Diseases of the upper respiratory tract: brachycephalic races syndrome, anterior / posterior / laryngeal stenosis, polyps, neoplasms, foreign bodies (including discussing clinical cases). Etiopathogenesis, diagnosis and therapy of inflammations of the nasal cavity and larynx. Classification of inflammations of the nasal cavity / larynx / trachea based on the result of the endoscopic examination. Etiopathogenesis, diagnosis and therapy of laryngeal and tracheal collapse (assessment of the degrees of the collapse). Paralysis and laryngeal paralysis - symptomatology and differential diagnosis. Etiopathogenesis, diagnosis and therapy of the syndrome of brachycephalic races. Diagnostic and therapeutic management in the case of the presence of foreign bodies, polyps and neoplasms. Lymphocytic plasmacytitis of the nasal cavity (LPR). Eosinophilic inflammations of the nasal cavity. Nasal Aspergillosis. Viral / bacterial laryngitis. Idiopathic bronchitis and kennel cough in dogs - differentiation. Assessment of the soft palate, pharyngeal lymphatic system, nasopharyngeal vault, . Etiopathogenesis, diagnosis and therapy of ear canal diseases. Tumors of the upper respiratory tract (including discussing clinical cases). The most common endosurgical interventions, endoscopic diagnostics, X-ray and computed tomography in the case of diseases of the upper respiratory tract.

PRACTICAL CLASSES

Preparing the patient for the examination. Endoscopic equipment. Principles of endoscopic examination of the ear canal, nasal cavity, posterior nostrils, examination of the throat, larynx, soft palate, pharyngeal lymphatic system, laryngeal pockets, nasopharyngeal vault. Performing anterior and posterior rhinoscopy, otoscopy, laryngoscopy and tracheoscopy in dogs and cats. Performing the procedure of staphlectomy (shortening of the soft palate), turbinectomy (removal of turbinates), polypectomy (removal of polyps), removal of foreign bodies. Collection of material for biopsy, cytological, washings, swabs). Rules for washing and disinfecting equipment after the procedure. Principles of creating research descriptions. Rules for interviewing and talking to pet owners.

TEACHING OBJECTIVE

The lectures teach the student the techniques of respiratory tract 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:

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: 5/10

Types of classes: Lecture, Practical classes
Number of hours in semester: Lecture: 5.00, Practical classes: 10.00
Language of instruction: Polish
Introductory subject: Clinical and Laboratory Diagnostics, Diagnostic Imaging, 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

Symbols for outcomes related to the discipline:

R/WA_P7S+++

Symbols for outcomes related to the field of study:

C.U3. ++, B.U14. +, K.8.+, B.W9. +, C.U2. ++, K.10.+, C.U1. +, A.W1. +, B.W5. +, B.U21. +, B.U6. +, A.W20. +, B.U3. +, K.4.+, B.W6. +, C.W3. +, B.U7. +, B.U2. +, K.7.+, B.U10. +, B.U11. +, K.9.+, B.U13. +, A.U12. +, B.W4. +, A.U4. +

LEARNING OUTCOMES:

Knowledge:

W1 – Students should be characterized by advanced knowledge of the diagnosis of diseases of the upper respiratory tract of companion animals. They should know the differences in the ways of managing and treating specific diseases. The student should understand the goals and principles of implementing the prevention of respiratory diseases in dogs and cats

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

Skills:

U1 – The student should evaluate and analyze the upper respiratory tract clinical symptoms, describe the changes in the functioning of the organism and changes in the values of laboratory parameters, use the endoscopic apparatus, be able to assess the severity of the 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 proper conduct with otorhinolaryngological patients, should use objective sources of information, make reliable self-assessment, expand knowledge and communicate with employees

TEACHING FORMS AND METHODS:

Lecture(W1;W2;U2;K1):information lecture, problem lecture, lecture with multimedia presentation

Practical classes(W1;W2;U1;U2):basic skills in the use of endoscopes, practical training in performing an endoscopic examination

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Written 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 - Practical classes (Colloquium practical) - practical examination of patient model -

BASIC LITERATURE:

1. Richard W. Nelson, C. Guillermo Cout, *Choroby wewnętrzne małych zwierząt*, Tom 1-3, Wyd. Edra Urban Partner, R. 2017
2. McCarthy, Timothy C., *Veterinary Endoscopy for the Small Animal Practitioner*, Wyd. Willey Blackwell, R. 2021
3. Lynelle R. Johnson, *Canine and Feline Respiratory Medicine*, Wyd. Wiley Blackwell, R. 2020

SUPPLEMENTARY LITERATURE: