



Course title: DERMATOLOGY OF DOGS AND CATS

ECTS credit allocation (and other scores): 1.50

Semester: autumn

Level of study: ISCED-7- long-cycle programmes (EQF-7)

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 15

Course coordinator/ Department and e-mail: Renata Nieradka/Department of Clinical Diagnosis
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Type of classes: classes and lectures

Substantive content

CLASSES: Dermatological description. Dermatological interview - changes in the skin, circumstances, time of onset of skin disease symptoms. The animal's living environment and its impact on the emergence of skin diseases and dermatological symptoms. Cooperation of the doctor with the animal's owner. Additional tests in dermatology - glow in the light of Wood's lamp, trichogram, paper test, combing test, scotch - test, superficial and deep scraping, imprint preparations, cytology of the skin, auditory canal and interdigital spaces., Skin biopsy, allergic tests. Possibilities of conducting dermatological examinations in-house by a doctor or external laboratories - local and mail-order. Difficulties in dermatological diagnostics.min.

LECTURES: Pharmacotherapy of skin diseases - antipruritics (glucocorticosteroids, histamine drugs, NSAIDs), chemotherapeutics, antiparasitic drugs, antifungal drugs, dietary supplements - vitamins, micro- and macroelements, EFAs. Schemes of drug use in dermatology, dosage, forms of drugs. The possibility of using combined therapies. Topical skin treatment - conditions for the use of topical treatments, drug forms, requirements for the animal's owner. Rare skin diseases - zinc-dependent, seasonal dermatoses. Behavioral dermatoses - cervical-mouth syndrome, licking dermatoses, feline eosinophilic syndrome. Endocrine dermatoses - hyperadrenocorticism, hypothyroidism, hyper- and hypoestrogenism, tumor from Sertoli cells. Deficient dermatoses - vitamin deficiency A, EFAs, proteins. Dermatological symptoms in the course of other diseases - cutaneous and hepatic syndrome, kidney disease, diabetes.

Learning purpose: knowledge of dogs and cats dermatology

On completion of the study programme the graduate will gain:

Knowledge: Describes, explains and interprets the principles and mechanisms underlying animal health, disease emergence and therapy. Knows and interprets pathophysiological changes in organs and systems as well as biological (including immunological) and pharmacological mechanisms enabling recovery. I use antibiotic therapy. (W3A_WP06, W3A_WP07, W3A_WP11)

W2 - Describes, explains and interprets disorders at the level of the cell, tissue, organ, system and organism in the course of the disease. Describes, explains and interprets the mechanisms of organ and body pathologies. Implements the principles of diagnostic (including differential diagnosis) and therapeutic management. Interprets clinical data and results of laboratory and additional tests.

Skills: (Conducts medical-veterinary interview in order to obtain accurate information about a single animal or group of animals and his or their habitat. Performs a complete clinical examination of the animal. Selects and applies the right treatment.

U2 - Collects, protects and knows the principles of sample transport and performing standard laboratory tests, as well as correctly analyzes and interprets the results of laboratory tests. Uses diagnostic equipment, including radiography, ultrasound and other equipment, in accordance with its intended use and safety rules for animals and humans.

Social Competencies: Demonstrates responsibility for making decisions towards people and animals. Adheres to ethical principles. Has a habit of continually deepening knowledge and improving skills.

Basic literature: Medleau L., Hnilica K.A., Dermatologia małych zwierząt. Kolorowy atlas i przewodnik terapeutyczny., Saunders Elsevier, 2008 ; Guaguere E., Prelaud P., Craig M., A practical guide to canine dermatology, Merial, 2008

Supplementary literature: 2) Wilkinson G.T., Harvey R.G., Atlas dermatologiczny małych zwierząt, Sanmedica, 1996

The allocated number of ECTS points consists of: 1.50

Contact hours with an academic teacher: Monday 9:00 – 10:00 AM

Student's independent work: