



Zoonoses

ECTS: 1.00

SUBJECT MATTER CONTENT

LECTURE

The causes of formation and development, as well as growing problem of the spread of zoonotic diseases (zoonoses). Law regulations relating to the eradication and control of zoonoses and zoonotic agents in Poland and in Europe. Characteristics of selected zoonoses - viral, bacterial and parasitic. Epidemiological importance, causes and mechanisms of their formation and spread. Characteristic clinical signs in humans. Higher risk groups of infection with different zoonotic agents. Laboratory diagnostics methods and principles of prevention.

TEACHING OBJECTIVE

The aim of education is an acquisition by the student knowledge in the area of causes, mechanisms of formation and development, clinical signs, diagnostics, treatment and prevention of zoonoses.

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:

K.1.+ , B.U6. +, B.U8. +, B.U2. +, B.W3. +, K.11.+ , A.W13. +

LEARNING OUTCOMES:

Knowledge:

W1 – Student identifies and describes the biology of infectious agents causing diseases transmitted between animals and/or humans, taking into account the mechanisms of transmission of the disease and the body's defence mechanisms; describes and interprets the causes, clinical signs and pathological lesions, applies the rules for the treatment and prevention of particular diseases.

Skills:

U1 – Student carries out a veterinary interview in order to obtain precise information about a single animal or group of animals; performs a full clinical examination of the animal; takes, protects and knows the rules for transport of samples and performs standard laboratory tests. Implements appropriate procedures in case of ascertainment of notifiable disease under control or registration.

Social competence:

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
Number of hours in semester: Lecture: 15.00
Language of instruction: Polish
Introductory subject: Microbiology, Immunology, Veterinary epidemiology, Infectious diseases of farm animals
Prerequisites: knowledge bases of diagnostics, definitions and topics of above subjects

Name of the organisational unit conducting the course: Katedra Epizootiologii
Person responsible for the realization of the course: prof. dr hab. wet. Aleksandra Platt-Samoraj
e-mail: platt@uwm.edu.pl

Additional remarks:

K1 – Student demonstrates responsibility for decisions taken towards humans and animals; can work with representatives of other professions in the area of the protection of public health.

TEACHING FORMS AND METHODS:

Lecture(W1;U1;K1):Lecture – with multimedial presentation

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Competention test) - Competention test. Positive grade minimum 65% of knowledge. Written exam contains knowledge of the material from calsses and lectures about infectious diseases of dogs and cats. „In case of of a top-down suspension of classes and the need for distance learning, the methods of verifying the achievement of learning outcomes declared in the syllabus, i.e. the forms of passing the exam and classes, may change in a manner appropriate to the situation". -

BASIC LITERATURE:

1. Gliński Z., Kostro K., Buczek J., *Zoonozy*, Wyd. PWR i L, R. 2008
2. Dziubek Z., *Choroby zakaźne i pasożytnicze*, Wyd. PZWL Wydawnictwo Lekarskie, R. 2021
3. Flisak R., *Choroby zakaźne i pasożytnicze*, Tom 1-4, Wyd. Czelej, R. 2020
4. Piekarska J., Połozowski A., *Giardia duodenalis – wspólny problem ludzi i zwierząt*, Tom 40-44, Wyd. Elamed Media Group, Weterynaria w Praktyce, R. 2011
5. Mackenzie J.S., *One health and zoonose*, Wyd. MDPI, R. 2019
6. Hrapkiewicz K., Medina L., *Clinical Laboratory Animal Medicine*, Tom Third Edition, Wyd. Blackwell Publishing Professional, R. 2007
7. Połozowski A., *Znaczenie epidemiologiczne i epizootologiczne kleszcza pospolitego (Ixodes ricinus) na terenie Polski i Europy*, Tom 14, 99, Wyd. Medical Tribune Polska, Magazyn Weterynaryjny, R. 2005, s. 73-75
8. Połozowski A., *Biologia oraz znaczenie epidemiologiczne i epizootologiczne komarów (Culicidae)*, Tom 14, 101, Wyd. Medical Tribune Polska, Magazyn Weterynaryjny, R. 2005, s. 61-62
9. Połozowski A., *Pchły - biologia oraz znaczenie epidemiologiczne i epizootologiczne. Magazyn Weterynaryjny*, Tom 14, 105, Wyd. Medical Tribune Polska, Magazyn Weterynaryjny, R. 2005, s. 77-79
10. Połozowski A., *ZOONOZY. Poważny Problem*, Wyd. Bayer Health Care, R. 2007

SUPPLEMENTARY LITERATURE:

1. Bauerfeind R., von Graevenitz A., Kimmig P., Schiefer H.G., Schwarz T., *Zoonoses: Infectious Diseases Transmissible from Animals to Humans*, Wyd. ASM Press, R. 2015
2. Hrapkiewicz K., Medina L., *Clinical Laboratory Animal Medicine, Third Edition*, Wyd. Blackwell Publishing Professional, R. 2007
3. Boroń-Kaczmarska A., Wiercińska-Drapało A., *Choroby zakaźne i pasożytnicze*, Wyd. PZWL, R. 2017
4. Pattison M., McMullin P. Bradbury J. M., Alexander D., *Poultry Diseases*, Wyd. Elsevier, R. 2008