



DEPARTMENT: CLINICAL SCIENCES I

DISCIPLINE: INFECTIOUS DISEASES, PREVENTIVE MEDICINE AND CLINICAL LECTURES ON SPECIES

Course responsible teacher: Professor Stelian BĂRĂITĂREANU, DVM, PhD

TOPICS AND REFERENCES

- I. Transboundary diseases and main zoonoses**
 - 1. Foot and mouth disease; 2. African swine fever; 3. Newcastle disease; 4. Avian Influenza; 5. Bluetongue disease; 6. Rabies; 7. Equine infectious anaemia; 8. Aujeszky disease; 9. Bovine enzootic leucosis; 10. Marek disease; 11. Pox diseases in mammals and poultry
- II. Bacterial diseases (grouped etiologically and/or pathogenetically and zoonotic)**
 - 1. Diseases produced by *Mycobacterium* species – tuberculosis, paratuberculosis; 2. Diseases produced by *Brucella* species; 3. Diseases produced by *Pasteurella* species in mammals and birds; 4. Avian and mammals salmonellosis; 5. Erysipelas in poultry and mammals; 6. Listeriosis, 7. Anthrax, 8. Tetanus, 9. Botulism
- III. Bacterioses (grouped by pathogens)**
 - 1. Diseases produced by *E. coli*
 - 2. Diseases produced by *Haemophilus* sp
 - 3. Diseases produced by *Bordetella* sp
 - 4. Diseases produced by *Clostridium* sp
 - 5. Footrot
 - 6. Streptococcal disease.
 - 7. Staphylococcal diseases.
 - 8. Avian and mammals diseases produced by *Mycoplasma* sp.
- IV. Avian viral diseases**
 - 1. Avian Infectious laryngotracheitis.
 - 2. Egg drop syndrome.
 - 3. Infectious bronchitis.
 - 4. Gumboro disease.
 - 5. Infectious anaemia of chickens.
- V. Viral diseases of domestic mammals**
 - Swine diseases** :1. Transmissible gastroenteritis
 - 2. Porcine epidemic diarrhoea
 - 3. Porcine Reproductive and Respiratory Syndrome
 - 4. Porcine Circovirus Diseases
 - Ruminants' diseases (bovines, sheep, goats)**
 - 1. Infectious Bovine Rhinotracheitis (IBR)
 - 2. Bovine Viral Diarrhoea and Mucosal Disease Complex (BVD-MD)
 - 3. Maedi Visna
 - 4. Prion diseases (scrapie; ESB).
 - 5. Caprine Arthritis and Encephalitis
 - Horses' diseases:** 1. Equine rhinopneumonitis – viral abortion of mares
 - 2. Equine viral arteritis
 - 3. Equine infectious anaemia
 - Dogs and cats' diseases:**
 - 1. Canine distemper
 - 2. Infectious canine hepatitis
 - 3. Canine parvovirus infection
 - 4. Feline panleukopenia
 - 5. Feline coronavirus infections

REFERENCES

1. **Doina Daneş**: Electronic course support, provided 2023-2024
2. **Dragos Cobzariu**: Electronic course support, provided 2023-2024; 2024-2025
3. **Stelian Bărăităreanu**: Electronic course support, provided 2024-2025
4. **OM Radostits, DC Blood, CCGay**, 1994, 8-th edition, Ed. Bailliere Tindall : Veterinary Medicine - a textbook of the diseases of cattle, sheep, pigs, goats and horses
5. **Jane Sykes, Craig Greene**, 2011, Greene's Infectious Diseases of the Dog and Cat
6. OIE: <http://www.oie.int/en/animal-health-in-the-world/oie-listed-diseases-2012/>
7. FAO: <http://www.fao.org/documents/en/Diseases%20and%20pests%20of%20animals%20and%20plants/topicsearch/2>
8. WHO: <http://www.who.int/zoonoses/diseases/en/>
9. GLEWS: <http://www.glews.net/>


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