

## Clinical Lectures-Ruminants (6<sup>rd</sup> year)

Number of credits 3

### Structure of the subject (weekly assigned hours)

Semester	Course	Seminar	Practical session	Project
XI	1	-	2	-

### Subject status

Compulsory

### Person in charge

Lecturer Dr. Ștefan CIORNEI

### Subject objectives (lectures and applications)

- acquiring of clinical examination plan and applying of general and special methods of examination in ruminants;
- acquiring knowledge and skills regarding obstetrical, gynaecological and andrological conduct;
- knowledge of the main surgical, parasitic, infectious and internal diseases
- acquiring of hormonal products administration for veterinary use and associated risks for an inappropriate use;
- learning the document forms and wording of clinical order documentation (clinical observation sheet, farm management software);
- development of communication skills with animal owners and assessing the situation for decision-making in relation to the nature of each clinical case.

### Subject content (Syllabus)

Course (chapters/sub-chapters)	No of hours
Ovarian hypoplasia; Cervicitis; Uterine prolaps; Endometritis; Perimetritis, Parametritis; Inflammations of fallopian tubes and ovary, Anestrus; Anovulatory estral cycles; Silent heats; Nymphomania; Hiperestrus; Infertility caused by altered food;	4
Dilation of the esophagus ; Esophagus obstruction; Indigestion by overloading the rumen; Acute ruminal acidosis; Chronic (recurrent) ruminal acidosis; Ruminal acidosis; Ruminal alkalosis; Traumatic reticulitis and reticuloperitonitis; Clot movement, Peritonitis; Bronchopneumonia „ab ingestis”; Kidney failure; Urolithiasis; Bovine enzootic hematuria (B.E.H)	2
Closed traumatic affections; Open traumatic affections; Gangrene;Ulcers; Fistula; Surgical diseases of subcutaneous serous bursa; Surgical diseases of the vessels;Surgical diseases of the muscles; Surgical diseases of tendons and joints, Surgical diseases of the bones.	2
Trichomoniasis in cattle, Eimeria in calves and lambs, Cryptosporidiosis in calves, Babesiosis in cattle, sheep and goats, Fasciolosis, Dicrocoeliasis, Paramfistomosis, Dictiocaulosis of sheeps and cattle, Trichostrongylosis of ruminants	2
Mastitis: diagnosis and therapy in inflammations of the mammary gland	2

Colibacillosis in calves; Hemorrhagic septicemia in cattle (bovine pasteurelloses); Bovine necrobacillosis; Infection pododermatitis in sheeps; Anaerobic dysentery in lambs; Bovine tuberculosis; Paratuberculosis in cattle and sheeps; Bovine virus diarrhea- mucosal disease; Blue-tongue disease; Infectious Bovine Rhinotracheitis (IBR), Infectious pustular vulvovaginitis (IPV); Bovine spongiform encephalopathy; Scrapie.	2
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Practical Sessions	No of hours
Making gynecological investigations in small and large ruminants	4
Diagnosis specification and therapy in parasitosis	4
Methods of prevention and diagnosis in infectious diseases	4
Diagnosis and therapy of internal diseases	4
Diagnosis and therapy in surgical diseases	4
Diagnosis and therapy in obstetrical affections	4
Diagnosis and therapy of andrological diseases	4

## Bibliography

1. BOITOR I., 1985 – Fiziologia și fiziopatologia reproducției la animalele de fermă. Ed. Ceres, București
2. C. Falca, M Mircean, T Mot, C M Braslasu, G Giurgiu, C Vlagioiu, C Pop, I Papuc, G. Solcan, V Vulpe, 2011, Medicina internă a animalelor, vol. 1-2, Ed. Eurostampa, Timișoara.
3. Perianu Tudor, -2011, 2012- Tratat de Boli Infecțioase ale Animalelor, vol I-II, bacterioze. Ed. Universitas.
4. Dan Drugociu, Dana Simona Drugociu 2015 - Patologie genitală și a glandei mamare la animale, Ed. Ion Ionescu de la Brad Iasi
5. Burtan I. – Patologie chirurgicală generală veterinară, 2004, Editura „Ion Ionescu de la Brad” Iasi.
6. Constantin N. și col. 2014 Tratat de Medicină Veterinară, vol VI, Parazitologie veterinară. Ed. Risoprint, Cluj-Napoca..
7. Hafez ESE, Hafez B. Reproduction in farm animals. 7th ed. São Paulo: Manole, 2004;

## Subject content knowledge (Final evaluation)

Evaluation form	Evaluation modalities	Percentage from the final grade
Exam / project	Oral	60 %
Practical / clinical case	Clinical activity	40 %

## Contact person

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