

CLINICAL LECTURES ON SPECIES - REPRODUCTION

Study program	Veterinary Medicine
Year of study	VI
Semester	I
Regime of discipline	DOB
Discipline category	Dsc
Number of lectures hours per week	1
Number of seminar/laboratory/project hours per week	3
Total number of hours according to the curriculum: lectures/seminars/laboratory/project	14 lectures/ 42 seminars
Number of transferable credits	4

SPECIFIC SKILLS

Professional Competence	C1
	<ul style="list-style-type: none"> • Skille necessary for gynecological diagnosis in swine, small ruminants, dogs and cats <p>Performing gynecological examination in farm animals</p> <p>Good practice in drug prescription and administration</p>
	C2
	<ul style="list-style-type: none"> • Strengthening of knowledges for preventing the transmission in humans of possible abortigen diseases <p>Understanding the results of gynecological survey and ability to prescript a strategy for prevention</p>
	C3
<ul style="list-style-type: none"> • Strengthening of knowledgesd of nutrition requirements and metabological surveillance in cows in order to prevent the metabolic disruptions which could affect reproduction 	
C4	
<ul style="list-style-type: none"> • Gaining the minimal requested competences for basic research activities in veterinary medicine. 	

LEARNING OUTCOMES

Knowledge	The student / graduate identifies the stages of sexual life in different animal species and understands the physiology and pathology of reproduction in various animal species.
Skills	The student / graduate applies knowledge regarding the morphophysiological changes of the genital system at different stages of reproductive life, as well as in the case of specific pathologies in animals.
Responsibility and autonomy	<p>The student / graduate examines and performs:</p> <ul style="list-style-type: none"> • Transrectal and vaginal examinations in different animal species; • Pregnancy diagnosis; • Ovariectomy and hysterectomy; • Semen collection in different animal species; • Artificial insemination techniques; • Diagnosis and management of dystocias. <p>The student / graduate prepares clinical observation sheets.</p>

COURSE OBJECTIVES

General objective of the course	<ul style="list-style-type: none"> • Gaining the ability to make a good reproductive management in a dairy farm, including mastitis prevention and milk production. • Ability to apply some assisted reproductive techniques
Specific objectives	<ul style="list-style-type: none"> • Ability to fully control reproduction in a diary farm, supervision of puerperal period, to support high yielding dairy cows • Ability to apply obstetrical techniques and manoeuvres

COURSE CONTENT

LECTURES	Number of hours
Lactation and the pathology of mammary gland.	2
Estrus control in farm animals. Embryotransfer.	6
Assisted reproduction techniques	2
Reproduction control in female and male	2
SEMINAR/LABORATORY	Number of hours
1-14 weeks : CLINICAL ACTIVITIES	42

BIBLIOGRAPHY:

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ASSESSMENT

Activity type	Assessment criteria	Assessment methods	Percentage of final grade
Lectures	Presenting the specific information using academic level for terms and definitions	Oral exam – answering questions based on two topics	50%
Seminar/laboratory/clinical sessions	The student s ability to fill gynecological sheet for dairy cows and its ability to make correlations with medical history, other diagnosis and treatments	Practical examination using internal rectal palpation in cow and filling of gynecological sheet	50%
Other activities			

Course coordinator: Assoc. Prof. Calin Mircu

Practical activities coordinator L/S/P: Senior Lecturer Otavă Gabriel Dumitru