



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Umbilical Lesions in Calves							
Course Code		VCR545		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	102 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To gain knowledge and skills about diagnosis and treatment of the umbilicus lesions.							
Course Content		The course content include, lesions of the umbilicus in calves and their treatment.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Ali BELGE, Prof. Murat SARIERLER							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Seminar	1	10

### Recommended or Required Reading

1	1. Alaçam E, Şahal M. Sığır Hastalıkları, Medisan, No:31, 1997. 2. ... Anderson DE. Surgical diseases of the neonate. 23rd World Buiatrics Congress, Quebec, 11-16 July 2004.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy of umbilical region in calves
2	Theoretical	Congenital umbilical diseases of newborn calves
3	Theoretical	Omphalophlebitis
4	Theoretical	Omphaloarthritis
5	Theoretical	Umbilical Ulcer
6	Theoretical	Umbilical Flegmon
7	Theoretical	Umbilical abscess
8	Intermediate Exam	Midterm exam
9	Theoretical	Hernia Umbilicalis -1
10	Theoretical	Hernia Umbilicalis -2
11	Theoretical	
12	Theoretical	Complicated lesions of Umbilicus-1
13	Theoretical	Complicated lesions of Umbilicus-2
14	Theoretical	Surgical approach to Umbilicus-1
15	Theoretical	Surgical approach to Umbilicus-2
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Seminar	1	0	5	5
Individual Work	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	1. Recognizes the umbilical lesions in calves.
2	2. Know the methods of treatment applied for umbilical lesions.
3	3. Selects and apply the appropriate treatment for cases.
4	To learn knowledge and propose suggestions on the area.
5	To find out and use resources about the profession in the area.

**Programme Outcomes (Surgery (Veterinary Medicine) Master)**

1	To be able to explain the knowledge about veterinary surgery in the expertise level.
2	2. To be able to comprehend veterinary surgery theoretically and practically.
3	3. To be able to use the information gained in the field, create solutions to problems that require expertise.
4	4. To be able to pursue the profession by being aware of the powers and responsibilities
5	5. To be able to have a relationship with other experts about problems outside of their area, as a member of the team contributes to the solution.
6	6. To be able to activate methods of production and use of scientific knowledge.
7	7. To be able to comprehend the master's degree information, identify public and animal health problem provides solutions and organizes events.
8	To be able to collect all sorts of data (field observations, produced scientific knowledge) in the field and evaluate for the purpose.
9	9. To be able to develop and use strategies about his field.
10	10. To be able to comprehend the needs of the country and the knowledge gained through the level of expertise of the region implements and take up the defense
11	11. To be able to identify and make rules to protect environmental health applications.
12	12. To be able to conceptualise events and facts related to the field of scientific techniques and methods that examine the comments on the results, problems, or method of analysis for the fictions, according to data obtained from the solution and / or provides an alternative treatment.
13	13. To be able to follow and use all the information which is updated in the field of (scientific knowledge, legislation, etc.).

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

	L1	L2	L3
P1	5	5	5
P2	5	5	5
P3	3	5	5
P4	2	5	5
P5	1	1	1
P6	2	4	4
P7	1	2	2
P8	1	1	1
P9	1	1	1
P10	1	3	3
P11	1	1	1
P12	1	3	3
P13	1	1	1

