



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Laparotomy Techniques							
Course Code		VCR536		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	95 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To gain knowledge about the techniques used in domestic animals laparotomy							
Course Content		Include issues of laparotomy in horses: anatomical information, indications, flank opening of the abdominal cavity, dorsal opening of the abdominal cavity, genu crease area laparotomy, median laparotomy, paramedian laparotomy Laparotomy in cattle: anatomical information, indications, laparotomy from fossa paralumbalis, latero-distal laparotomy, latero -ventral laparotomy, paramedian laparotomy and median laparotomy Laparotomy in dogs and cats: anatomical information, indications, median laparotomy, retro-umbilical median laparotomy, paramedian laparotomy, and laparotomy performed from fossa paralumbalis and paracostal laparotomy.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Assoc. Prof. Rahime YAYGINGÜL, Lec. Zeynep BOZKAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Samsar, E., Akin, F. (2002). Özel Cerrahi. Malatya; Medipress. — Aslanbey, D. (2002).
2	2. Veteriner Operasyon Bilgisi. Malatya: Medipress.
3	3. Jennings P, B. (1984). The Practice of Large Animal Surgery. Philadelphia: W.B. Saunders Company.
4	4. Slatter, D. (1998). Textbook of Small Animal Surgery.

Week	Weekly Detailed Course Contents	
1	Theoretical	Indications for laparotomy in horses and anatomical locations
2	Theoretical	Flank laparotomy in horses
3	Theoretical	Median and paramedian laparotomy in horses
4	Theoretical	Indications for laparotomy in cattle and anatomical approach areas
5	Theoretical	Flank laparotomy in cattle
6	Theoretical	Cattle paramedian and median laparotomy
7	Intermediate Exam	Midterm
8	Theoretical	Indications of laparotomy in dogs and cats and anatomical location for surgical approach
9	Theoretical	Dogs median and paramedian laparotomy
10	Theoretical	Dogs paracostal laparotomy
11	Theoretical	Laparotomy from fossa paralumbalis in dogs
12	Theoretical	After-care
13	Theoretical	Postoperative complications after laparotomy-1
14	Theoretical	Postoperative complications after laparotomy-2
15	Theoretical	Clinical Case Discussion
16	Theoretical	Clinical Case Discussion
17	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Seminar	1	10	1	11



Individual Work	15	1	1	30
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				95
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Knows surgical approach to abdominal area in domestic animals
2	2. Can choose the appropriate technique for laparotomy
3	3. Applies the selected technique without errors.
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	4	4	4
P4	4	4	4
P5	2	2	2
P6	3	3	3
P7	5	5	5
P8	5	5	5
P9	3	3	3
P10	3	3	3
P11	5	5	5
P12	4	4	4
P13	2	2	2

