



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Local Anaesthesia and Application Techniques							
Course Code		VCR538		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	104 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To gain information about local anesthesia techniques and practical areas, and apply when is necessary							
Course Content		Mechanism of local anesthetics, local anesthetics, local anesthesia types and techniques							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Prof. Murat SARIERLER							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Topal, A., (2005) Veteriner Anestezi, Bursa: Nobel Kitap evi.
2	2. Hall, L.W., Clarke, K.W., Trim C.V., (2001) Veterinary Anesthesia, England: WB Saunders.

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy and physiology of nervus fibers
	Preparation Work	Clinical Practise
2	Theoretical	Mechanism of nerve blokade
	Preparation Work	Clinical Practise
3	Theoretical	Structure of local anesthetics used clinically
	Preparation Work	Clinical Practise
4	Theoretical	Local anesthetics used clinically
	Preparation Work	Clinical Practise
5	Theoretical	Systemic and toxic effects of local anesthetics
	Preparation Work	Clinical Practise
6	Theoretical	Surface anesthesia
	Preparation Work	Clinical Practise
7	Theoretical	Infiltration anesthesia
	Preparation Work	Clinical Practise
8	Intermediate Exam	Midterm exam
9	Theoretical	Intravenous regional anesthesia
	Preparation Work	Clinical Practise
10	Theoretical	Epidural anesthesia
	Preparation Work	Clinical Practise
11	Theoretical	Paravertebral anesthesia
	Preparation Work	Clinical Practise
12	Theoretical	Nerve root anesthesia practises -1
	Preparation Work	Clinical Practise
13	Theoretical	Nerve root anesthesia practises -2
	Preparation Work	Clinical Practise
14	Theoretical	Local anesthesia methods for castration
	Preparation Work	Clinical Practise
15	Theoretical	Local anesthesia methods for region capitis
	Preparation Work	Clinical Practise



16	Final Exam	Final Exam
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Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	2	28
Term Project	1	15	1	16
Midterm Examination	1	10	1	11
Final Examination	1	20	1	21
Total Workload (Hours)				104
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes	
1	1. Knows local anesthetics and their mechanism
2	2. Decides the appropriate local anesthetics according to case.
3	3. Applies decided local anesthetics
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

