



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Allergic Reaction and Immunology in Anesthesia							
Course Code		VCR646		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		To gain knowledge about immun and allergical reactions while local or general anesthesia applications							
Course Content		Preparation of the patient in preanesthesia period, drug applications and impacts, emergency equipment, anaphylactic and allergic reactions.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

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	Preparation of patient before anesthesia
	Preparation Work	Clinical practice
2	Theoretical	Drug application and impacts before anesthesia
	Preparation Work	Clinical practice
3	Theoretical	Overdose of anesthetic drugs
	Preparation Work	Clinical practice
4	Theoretical	Hypersensitivity reaction types-1
	Preparation Work	Clinical practice
5	Theoretical	Hypersensitivity reaction types-2
	Preparation Work	Clinical practice
6	Theoretical	Drug interactions-1
	Preparation Work	Clinical practice
7	Theoretical	Drug interactions-2
	Preparation Work	Clinical practice
8	Intermediate Exam	Clinical practice
9	Theoretical	Allergic reactions to local anesthesia
	Preparation Work	Clinical practice
10	Theoretical	Anaphylaxis and anaphylactic reactions
	Preparation Work	Clinical practice
11	Theoretical	tracheostomy
	Preparation Work	Clinical practice
12	Theoretical	Emergency equipment
	Preparation Work	Clinical practice
13	Theoretical	Epiglottis edema and collapse
	Preparation Work	Clinical practice
14	Theoretical	Hypothermia and hyperthermia
	Preparation Work	Clinical practice
15	Theoretical	Monitoring and treatment of the patient-1
	Preparation Work	Clinical practice



16	Theoretical	Monitoring and treatment of the patient-2
	Preparation Work	Clinical practice
17	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	1	14	1	15
Individual Work	14	2	0	28
Midterm Examination	1	20	1	21
Final Examination	1	29	1	30
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. Gains knowledge about immun and allergical reactions against to anesthetics
2	2. Learns interactions with drugs that are being used for.
3	3. Learns what to do when encounter to hypersensitivity reactions.
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) Doctorate)

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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	4	4	4
P6	4	4	4
P7	2	2	2
P8	4	4	4
P9	3	3	3
P10	4	4	4
P11	4	4	4
P12	3	3	3

