



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Blood Transfusion in Animals							
Course Code		VIH523		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	153 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Aim to teach indications of blood transfusion, routes of administration, selection of donors, blood preserved, with the implementation of transfusion and complications							
Course Content		See Weekly Course Topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	5
Final Examination	1	60
Assignment	7	35

Recommended or Required Reading

1	D. J. Weiss, K. J. Wardrop. Schalm's Veterinary Hematology, 6th Edition. Wiley, 2011.
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
3	K. Turgut. Veteriner Klinik Laboratuvar Teşhis Kitabı. 2000

Week	Weekly Detailed Course Contents	
1	Theoretical	The history of blood transfusion
	Preparation Work	
2	Theoretical	Indications and Risks of Blood Transfusion
	Preparation Work	
3	Theoretical	Whole Blood and component
	Preparation Work	
4	Theoretical	blood Groups
	Preparation Work	
5	Theoretical	donor selection
	Preparation Work	
6	Theoretical	Anticoagulants and Protectors
	Preparation Work	
7	Theoretical	Collection and storage of blood
	Preparation Work	
8	Intermediate Exam	Midterm
9	Theoretical	Compliance Control
	Preparation Work	
10	Theoretical	Transfusion Technique
	Preparation Work	
11	Theoretical	Aplication Dosage and Speed
	Preparation Work	
12	Theoretical	Early Transfusion Reactions
	Preparation Work	
13	Theoretical	Delayed Transfusion Reactions
	Preparation Work	
14	Theoretical	Transfusion Reaction Control
	Preparation Work	



15	Theoretical	discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	7	0	10	70
Reading	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				153
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Has detailed information on blood transfusion.
2	Apply blood transfusion.
3	interferes in recognizing the early and late blood incompatibility reactions.
4	Have knowledge about blood group types.
5	Gains knowledge of complications of blood transfusions.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Master)

1	Among veterinary medicine master of science sufficiency, increasing and deepening relevant knowledge
2	Developing and deepening theoretical and practical knowledge in the field of use, integrating knowledge from different disciplines for interpretation.
3	For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures.
4	Learning how to access and evaluate relevant information.
5	Quoting updated novelty relevant to Veterinary Internal Medicine by incrisptive, oral and visually.
6	Planning a relevant research study by use of quantative and qualitative data collection, contiuiuing by taking care of scientific ethics, and by evaluation of appropriate statistical methods chosen, converting the investigational and project results into report/thesis.
7	Information obtained in accordance with the requirements of the country and the level of expertise of the region for usage of research public and animal health.

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

	L1	L2	L3
P1	5	4	4
P2	4	5	5
P3	5	5	5
P4	3	3	3
P5	3	3	3
P6	4	3	3
P7	4	4	3

