



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Technique, Control and Complications of Infusion Treatment							
Course Code		VİH627		Couese Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	129 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Evaluation of subjects as indications for infusion therapy, choice of application method, an intravenous drop infusion and its complications, and complications of the subjects to evaluate alternative methods of infusions.							
Course Content		See Weekly Course Topics							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration, Discussion, Case Study					
Name of Lecturer(s)		Assoc. Prof. Songül ERDOĞAN							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	25
Final Examination	1	60
Assignment	3	15

### Recommended or Required Reading

1	DiBartola, Stephen P. Fluid Therapy in Small Animal Practice. 4th ed. Philadelphia, W. B. Saunders, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010

Week	Weekly Detailed Course Contents	
1	Theoretical	Indications of Infusion Therapy
2	Theoretical	Selection of Application Route
3	Theoretical	Technique Material for Infusion Therapy
4	Theoretical	Solutions and Their Selection
5	Theoretical	Intravenous Fluid Therapy and Its Complications
6	Theoretical	Intravenous Fluid Therapy in Horses
7	Theoretical	Intravenous Fluid Therapy in Cattle and Sheep
8	Intermediate Exam	Midterm
9	Theoretical	Intravenous Fluid Therapy in Dogs and Cats
10	Theoretical	Planning and Monitoring Intravenous Fluid Therapy
11	Theoretical	Alternative Methods for Infusion Therapy
12	Theoretical	Subcutaneous Infusion Therapy
13	Theoretical	Intraperitoneal Infusion
14	Theoretical	Intraosseous Infusion
15	Theoretical	Discussion
16	Final Exam	Final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	0	20	60
Reading	14	0	1	14
Midterm Examination	1	10	1	11



Final Examination	1	15	1	16
Total Workload (Hours)				129
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows indications for infusion therapy
2	Selects appropriate infusion method
3	Applies the selected method in an effective way.
4	Makes radical treatment by adjusting the duration of infusion.
5	Knows the complications of infusion procedure.

### Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

1	Based on acquisitions relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculiar results.
2	Detecting relevant problems, establishing hypothesis against solution, acquisition of solving hypothesis within computational and experimental methods.
3	A systematic approach of evaluating and using new knowledge on related field.
4	Usage of previously known scientific methods related to field for advanced/newly known/occurring problems.
5	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.
6	Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon.
7	Reviewing and usage of all related data (field observations, scientific knowledge) for requirements.
8	Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for.
9	Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine.
10	Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution.

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

	L1	L2	L3
P1	4	4	4
P2	3	3	3
P3	4	4	4
P4	4	4	4
P5	5	5	5
P6	4	4	4
P7	4	4	4
P8	4	4	4
P9	4	4	4
P10	3	3	3

