



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Approach to Colics in Horse							
Course Code		VİH626		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	129 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		True and false reasons for colic, examination of horse with colic, clinical and laboratory findings, prognosis, medical treatment and evaluating conditions that require operative intervention or euthanasia in horses.							
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)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	N. E. Robinson, K. A. Sprayberry; Current Therapy in Equine Medicine, 6th Edition. WB Saunders, 2009
2	S. M. Reed, Warwick M. , D. C. Sellon; Equine Internal Medicine, 3rd Edition. WB Saunders, 2009
3	Derek C. Knottenbelt; Saunders Equine Formulary. WB Saunders, 2006
4	D. C. Sellon, M. Long; Equine Infectious Diseases. WB Saunders, 2006

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and Causes of Intestinal (True) and Non-Intestinal (false) Colic
	Preparation Work	Clinical approach to horse with colic
2	Theoretical	History, Signalement, Habitus
	Preparation Work	Clinical application of theoretical issues
3	Theoretical	Evaluation of the cardiovascular system
	Preparation Work	Evaluation of heart rate, pulse quality, mucous membranes
4	Theoretical	Abdominal examination
	Preparation Work	Auskultation, external palpation, rectal palpation, nasogastric tube application
5	Theoretical	Evaluation of peripheral perfusion, and hydration status
	Preparation Work	Capillary refill time, skin elasticity evaluation
6	Theoretical	Abdominocentesis and fluid analysis
	Preparation Work	Abdominocentesis and fluid analysis
7	Theoretical	Haematological and biochemical tests
	Preparation Work	Interpretation of haematological and biochemical tests in horse with colic
8	Intermediate Exam	Midterm
9	Theoretical	Gastrosocopy
	Preparation Work	Gastrosocopy
10	Theoretical	Abdominal radiography and ultrasonography
	Preparation Work	Abdominal ultrasonography
11	Theoretical	Prognostic evaluations
	Preparation Work	Case study
12	Theoretical	Clinical Findings and Diagnosis in Colic Patient that responds to medical treatment
	Preparation Work	Case study
13	Theoretical	Determination of Colics Requiring Operative Intervention
	Preparation Work	Case study



14	Theoretical	Criteria for Euthanasia
	Preparation Work	Case study
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Assignment	3	0	20	60
Reading	5	0	5	25
Practice Examination	1	0	1	1
Midterm Examination	1	0	1	1
Total Workload (Hours)				129
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Perform clinical examination of horse with colic
2	Interpretation of clinical and laboratory findings.
3	Executes effective and rational treatment.
4	Determine the etiology of pain.
5	Determines the prognosis of painful animal.

Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

1	Based on acquirements 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, acquirement 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	3	3	4
P2	2	3	3
P3	4	4	4
P4	5	5	5
P5	4	4	4
P6	3	3	3
P7	3	3	3
P8	3	3	3
P9	2	2	3
P10	4	4	4

