



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Endocrin Disorders in Dogs							
Course Code		VIH643		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	3	Workload	80 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The effects of hormones, regulation of hormone secretion, causes of hypo-, hyper-and dysfunction of pituitary, thyroid, parathyroid, adrenal glands and endocrine pancreas, evaluation of clinical manifestations, diagnosis, prognosis and therapy in dogs							
Course Content		See Weekly Course Topics!							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study					
Name of Lecturer(s)		Assoc. Prof. Hasan ERDOĞAN							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Assignment	2	10

Recommended or Required Reading

1	Larry P. Tilley, Francis W. K. Smith; Blackwell's Five-Minute Veterinary Consult: Canine and Feline, 5th Edition. Wiley-Blackwell, 2011
2	C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010
3	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
4	Nelson, Richard W., C. C. Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
5	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
6	Gunn-Moore D. Feline endocrinopathies. Vet Clin North Am Small Anim Pract. 2005 Jan;35(1):171-210
7	Platt SR. Neuromuscular complications in endocrine and metabolic disorders. Vet Clin North Am Small Anim Pract. 2002 Jan;32(1):125-46.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic cause of endocrine disorders
2	Theoretical	Basic Principles in the Diagnosis of Endocrine Disorders
3	Theoretical	Functional Tests in the Diagnosis of Endocrine Disorders
4	Theoretical	Approach to Diagnosis in Endocrine Disorders
5	Theoretical	Principles of Endocrine Disorders Treatment
6	Theoretical	Functional disorders of Pituitary gland
7	Theoretical	Functional disorders of Thyroid gland
8	Intermediate Exam	Midterm
9	Theoretical	Functional disorders of parathyroid gland
10	Theoretical	Functional disorders of endocrine pancreas
11	Theoretical	Functional disorders of adrenal gland
12	Theoretical	Multifaceted endocrin and metabolsm disorders
13	Theoretical	Primary and secondary endocrine disorders
14	Theoretical	Case evaluation
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	0	10	20
Reading	1	14	1	15



Midterm Examination	1	0	6	6
Final Examination	1	0	11	11
Total Workload (Hours)				80
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows the effects of hormones and regulation
2	Describes the endocrine disorders among dogs
3	Perform treatment of endocrine disorders among dogs.
4	Knows the complications of disorders.
5	Evaluate the prognosis of the patient due to the disorder.

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	4	4	4
P2	3	4	4
P3	4	4	4
P4	3	4	4
P5	3	4	4
P7	4	4	3
P8	4	4	4
P9	3	4	4
P10	1	3	3

