



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Urinary Tract Infections in Cats and Dogs							
Course Code		VİH504		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	103 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Cats and dogs urinary system diseases of etiology, pathogenesis, and clinical appearance, diagnosis and differential diagnosis, prognosis, treatment and prophylaxis in patients by giving them information about the demonstration applications.							
Course Content		Look at: Summary							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Gülten Emek TUNA, Prof. Kerem URAL							

Assessment Methods and Criteria

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

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	J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009
3	Nelson, Richard W., C. C. Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008
4	S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003
5	S. Platt, N. Olby. BSAVA Manual of Canine and Feline Neurology, 4th edition, BSAVA Manuals, 2013.
6	Bartges JW. Diagnosis of urinary tract infections. Vet Clin North Am Small Anim Pract. 2004 Jul;34(4):923-33
7	Lulich JP, Osborne CA. Urine culture as a test for cure: why, when, and how? Vet Clin North Am Small Anim Pract. 2004 Jul;34(4):1027-41
8	Forrester SD. Diagnostic approach to hematuria in dogs and cats. Vet Clin North Am Small Anim Pract. 2004 Jul;34(4):849-66.

Week	Weekly Detailed Course Contents	
1	Theoretical	Clinical approach to urinary systems disease in cats and dogs
	Preparation Work	Medical history and physical examination
2	Theoretical	Basic Principles Of Treatment Of Urinary System Diseases
	Preparation Work	Catheter-Urine Sample Intake
3	Theoretical	Acute Renal Failure
	Preparation Work	Sistosentez with urine Sample Intake
4	Theoretical	Chronic Renal Failure
	Preparation Work	Urine Analysis
5	Theoretical	Glomerulonephritis
	Preparation Work	Urine culture for instance Retrieval
6	Theoretical	Urinary Tract Infections
	Preparation Work	Cytological Examination
7	Theoretical	Urolithiasis
	Preparation Work	Radiological Assessment
8	Intermediate Exam	Mid-term exam
9	Theoretical	Micturation Disorders İncontinentia urinaria
	Preparation Work	Ultrasonographic Evaluation
10	Theoretical	Urinary System Tumors
	Preparation Work	Case evaluation
11	Theoretical	Approach to Polyuria and Polydipsia



11	Preparation Work	Case evaluation
12	Theoretical	Fluid-Electrolyte and acid-base balance Disturbances
	Preparation Work	Case evaluation
13	Theoretical	Peritoneal Dialysis
	Preparation Work	Case evaluation
14	Theoretical	Prostate Disease
	Preparation Work	Case evaluation
15	Theoretical	Discussion
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	3	0	10	30
Reading	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	10	1	11
Total Workload (Hours)				103
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Description Urinary system diseases in dogs and cats.
2	Treatment of Urinary System Diseases.
3	Take precaution prevent Urinary system diseases and relapses.
4	Knows the differential diagnosis of urinary system diseases
5	Get knowledge about the complications of urinary system diseases.

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	4	4	4
P2	4	4	4
P3	5	5	5
P4	4	3	3
P5	4	4	3
P6	2	2	2
P7	3	4	2

