



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		The Clinical Anatomy of The Peripheric Nerves							
Course Code		VAN634		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		The goal of the course is to provide the student with an understanding of the structure and function of the peripheral nervous system and to relate this knowledge to the practice of the veterinary medicine.							
Course Content		<ul style="list-style-type: none">• Subdivisions of the peripheral nervous system (Somatic, Sensory, Sympathic, Parasympathic)• Anatomy of the peripheral nerves and ganglia• Nerve plexuses• Injection points for peripheral neural blockade• Specific locations of the entrapment neuropathies							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	ÖCAL, M.K., ERDEN, H., ÖĞÜT, İ., KARA, M.E "Anatomy of the Domestic Animals (General-Skin-Forelimb)." Adnan Menderes University Press No: 5 (1998)
2	ÖCAL, M.K., ÖĞÜT, İ., KARA, M.E "Anatomy of the Domestic Animals (Trunk)." Adnan Menderes University Press No: 11 (1999)
3	DURSUN, N "Veterinary Anatomy I" Medisan Press (1996)

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomical location and topography of plexus brachialis
	Practice	dissection
2	Theoretical	Areas of risk of developing entrapment neuropathy during the course of the nervus suprascapularis, the innervation area
	Practice	dissection
3	Theoretical	Areas of the risk of developing entrapment neuropathy during the course of the nerve radialis, innervation area
	Practice	dissection
4	Theoretical	Areas of risk of developing entrapment neuropathy during the course of the ulnar nerve, the innervation area
	Practice	dissection
5	Theoretical	Areas of the risk of developing entrapment neuropathy during the course of the nerve medianus
	Practice	dissection
6	Theoretical	Stimulation and recording sites of Nervus suprascapularis, radialis, ulnaris and medianus in ENMG examination
	Practice	dissection
7	Theoretical	Homework discussion
	Practice	dissection
8	Intermediate Exam	midterm
9	Theoretical	Anatomical location and topography of plexus lumbosacralis
	Practice	dissection



10	Theoretical	Areas of the risk of developing entrapment neuropathy during the course of Nervus ischiadicus, innervation area
	Practice	dissection
11	Theoretical	Areas of risk of developing entrapment neuropathy during the course of the nervus femoralis, the innervation area
	Practice	dissection
12	Theoretical	Areas of risk of developing entrapment neuropathy during the course of nervus obturatorius, innervation area
	Practice	dissection
13	Theoretical	Areas of risk of developing entrapment neuropathy during the course of the tibialis and nervus fibularis, the innervation area
	Practice	dissection
14	Theoretical	Stimulation and recording sites of ENMG of nervus ischiadicus, femoralis, obturatorius, tibialis and fibularis
	Practice	dissection
15	Theoretical	Homework discussion
	Practice	dissection
16	Final Exam	final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	3	14	1	45
Lecture - Practice	3	14	1	45
Midterm Examination	1	9	1	10
Final Examination	1	24	1	25
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	• Identify the anatomical structures of the peripheral nervous system
2	Inform about ENMG applications
3	Discuss the physiology of anatomical structures of the peripheral nervous system
4	to have information about neuropathies
5	to get information about the ways of neuropathies

Programme Outcomes (Anatomy (Veterinary Medicine) Doctorate)

1	Doing research in any specific issues related to anatomy, planning a study, evaluating and presenting a report on the scientific area, independently.
2	To be able to improve themselves by innovations of the Anatomy
3	Sharing their concepts in seminar, symposium, conference etc. by using the skills of self study.
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

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

	L1	L2	L3	L4	L5
P1	4	4	5	4	5
P2	5	5	5	4	5
P3	5	4	5	4	4
P4	4	5	5	4	4

