



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Arthrosynthesis and Arthrotomy							
Course Code		VCR630		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course		Gain knowledge and skills about the diagnosis and treatment of diseases of the joints							
Course Content		Arthrocentesis importance in the diagnosis of diseases of the joints, the joints puncture regions according to the synovial fluid collection and evaluation, diagnosis and treatment as a method of arthrocentesis, the place of choice indications, techniques, complications include issues.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Douglas Slatter(2002) Small Animal Surgery, 3rd ed. Philadelphia: WB Saunders.
2	2. A. Simon Turner (2007) Techniques in Large Animal Surgery,3rd ed Wiley-Blackwell

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy and physiology of the joints
	Preparation Work	Clinical practice
2	Theoretical	The basic principles of arthrocentesis and arthrotomy
	Preparation Work	Clinical practice
3	Theoretical	Synovial fluid analysis-1
	Preparation Work	Clinical practice
4	Theoretical	Synovial fluid analysis-2
	Preparation Work	Clinical practice
5	Theoretical	Synovial fluid analysis-3
	Preparation Work	Clinical practice
6	Theoretical	Joints puncture sites-1
	Preparation Work	Clinical practice
7	Theoretical	Joints puncture sites-2
	Preparation Work	Clinical practice
8	Intermediate Exam	Mid-term exam
9	Theoretical	Shoulder joint arthrocentesis and arthrotomy
	Preparation Work	Clinical practice
10	Theoretical	Arthrotomy of the elbow joint and the joint arthrocentesis
	Preparation Work	Clinical practice
11	Theoretical	Carpal-metacarpal (tarsal-metatarsal) joint arthrocentesis and arthrotomy
	Preparation Work	Clinical practice
12	Theoretical	Hip joint arthrocentesis and arthrotomy
	Practice	
	Preparation Work	Clinical practice
13	Theoretical	And arthrotomy of the knee joint arthrocentesis
	Preparation Work	Clinical practice
14	Theoretical	Intra-articular local anesthetic
	Preparation Work	Clinical practice



15	Theoretical	Clinical Case Discussion
	Preparation Work	Clinical practice
16	Theoretical	Clinical Case Discussion
	Preparation Work	Clinical practice
17	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Assignment	1	14	1	15
Individual Work	14	3	0	42
Midterm Examination	1	22	1	23
Final Examination	1	27	1	28
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. Gain knowledge about Joints, anatomy, physiology and function.
2	2. Knows the Puncture location and surgical approach of joints
3	Arthrotomy arthrocentesis and make the necessary cases..
4	To learn knowledge and propose suggestions on the area.
5	To find out and use resources about the profession in the area.

Programme Outcomes (Surgery (Veterinary Medicine) Doctorate)

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

	L1	L2	L3
P1	5	5	5
P2	5	5	5
P3	4	4	4
P4	4	4	4
P5	4	4	4
P6	4	4	4
P7	2	2	2
P8	4	4	4
P9	3	3	3
P10	4	4	4
P11	4	4	4
P12	3	3	3

