

SURGERY OF RUMINANTS

1	Course Title:	SURGERY OF RUMINANTS
2	Course Code:	VET5115
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	5
6	Semester:	9
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	Large Animal Surgery
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. GÖKSEN AYALP
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Doç. Dr. Göksen AYALP U.Ü. Veteriner Fakültesi Hayvan Hastanesi Cerrahi ABD Görükle Kampusu 16059 Görükle / BURSA goksenc@uludag.edu.tr 0224-2940840
17	Website:	http://www.veteriner.uludag.edu.tr
18	Objective of the Course:	To teach the students the skills necessary for the solution of the problems related with the ruminant surgical diseases order to teach the surgical diseases of the small and large ruminants, the approach to the significant diseases encountered in the field, aseptic surgical principals in ruminant surgery and operative treatments of surgical diseases. To educate qualified students in the field of surgical diseases of small and large ruminants, important field problems, principles of ruminant surgery and operative treatment of the surgical diseases in ruminants. Multidisciplinary approach to the surgical diseases of the ruminants and to acquire experience on this area.
19	Contribution of the Course to Professional Development:	Students graduate with sufficient knowledge and experience about the surgical diseases of large and small ruminants.
20	Learning Outcomes:	
	1	Knows surgical diseases of the small and large ruminants
	2	Learns the principles of aseptic surgery Ruminant surgery
	3	Learns to operational, functional and economical treatment and to gain the patient's production
	4	Learns the principles and methods of operative treatment, especially under field conditions
	5	Wins intellectual identity to educate breeders and trainers people
	6	Multidisciplinary work culture wins
	7	Becomes the owner of approaches and skills to the professional veterinary surgeon
	8	Learns to biosecurity and preventive medicine

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21	Course Content:			
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Week	Theoretical	Practice		
1	Principles of the ruminant surgery. Preparation for surgical intervention in ruminants. Prevention from surgical infection. Preoperative and postoperative care and nutrition.			
2	Surgical diseases of the head region (surgery of eyes, surgery of horn, surgery of nose, sinus disease and surgery).			
3	Treatment of sucking reflex, surgery of cervical region (pharynx, oesophagus and trachea)			
4	Surgical treatment of umbilical lesions (umbilical abcess, umbilical cord inflammation, umbilical hernia)			
5	Surgical procedures in the abdominal area (laparotomy, rumenotomy, rumen cannulation techniques, intestinal volvulus/torsion)			
6	Diseases of abomasum and therapeutic applications of abomasal diseases (abomasal ulcer, abomasal fistulas, abomasal dilatation, displacement and torsion) Diseases of cecum			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Stenosis of the rectum and surgical treatment. Submucosal resection at prolapsed rectum,	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
8	Obstructive urolithiasis and surgical treatment (uretrostomy, uretrostomy). Castration	14	1.00	14.00
Homeworks		0	0.00	0.00
9	Common bursal sac disaeses in cattle and	0	0.00	0.00
Field Studies		0	0.00	0.00
10	Arthritis and treatment methods of them	1	4.00	4.00
11	Other operations in the extremities (astellar			
Others		2	2.00	4.00
Final Exams	(bleasure), amputation)	1	10.00	10.00
Total Work Load				60.00
Total work load/ 30 hr				2.00
ECTS Credit of the Course				2.00
	m. flex. dig. prol., arthrodesis of the distal dig. Joint, amputation and desarticulation of the digits			
14	Foot disease in small ruminants			

22	Textbooks, References and/or Other Materials:	<ol style="list-style-type: none"> 1. Surgery, Görgül OS. Bursa, 2000 2. Special Surgery, Samsar E, Akın F., 2002 3. Innere Medizin und Chirurgie des Rindes, Dirksen G, Gründer H-D, stöber M., 2003. 4. The Veterinary Clinics of North America (Food Animal Practice) Biosecurity of Cattle Operations, Dargatz DA, 2002. 5. "Surgery". Cattle Diseases., Görgül OS. Ed. Alaçam E, Şahal M., Ankara, 2003 6. Clinical Dissection Guide For Large Animals, Constantinescu GM, Constantinescu IA., 2004 7. Techniques in Large Animal Surgery, Turner SA, McIlwraith CW, 2004 8. Farm Animal Surgery, Fubini SL, Ducharme NG, 2004 9. Bovine Medicine Diseases and Husbandry of Cattle, Andrews AH, Blowey RW, Boyd H, Eddy RG., 2004 10. Ruminant Cerrahisi, Görgül OS., 2007 11. Büyük Hayvan Cerrahisi, Görgül O.S., Seyrek-İntaş D., Çeçen G., 2009
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Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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