

GASTROINTESTINAL SURGERY

1	Course Title:	GASTROINTESTINAL SURGERY
2	Course Code:	VCR6027
3	Type of Course:	Optional
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. AYŞE TOPAL
15	Course Lecturers:	Doç. Dr. Nihal Y. GÜL SATAR
16	Contact information of the Course Coordinator:	Email: atopal@uludag.edu.tr Adres: Uludağ Ünv. Veteriner Fak. Cerrahi Anabilim Dalı, Bursa Tel: 0 224 2940835
17	Website:	http://saglikbilimleri.uludag.edu.tr/
18	Objective of the Course:	To transfer detailed knowledge and experience to doctorate students about common gastrointestinal system diseases in small animal practice.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	The assistant learns gastrointestinal system diseases that encountered in small animals.
	2	He/she obtains detailed information on clinical findings and differential diagnosis of these conditions.
	3	He/she determines the prognosis of patients and illuminates the owner on patient's general condition.
	4	He/she learns and could be apply the treatment options for these diseases.
	5	He/she develops himself/herself communicating with students about the patient and the disease.
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21	Course Content:	

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Week	Theoretical	Practice		
1	Anatomy, physiology and pathophysiology of gastrointestinal system disorders			
2	Diagnostic procedures of gastrointestinal system diseases Suture materials used for gastrointestinal surgery			
3	Surgery of the oral cavity (partial maxillectomy, partial mandibulectomy, glossectomy, congenital and acquired oronasal fistula, cleft palate, tumor resection, mandibular, parotideal and sublingual salivary gland excision)			
4	Surgery of the esophagus - Megaesophagus - Vascular ring anomalies - Esophagotomy and repair techniques (esophageal foreign bodies, perforated or ruptured esophagus) - Operative treatment of esophageal strictures and esophageal diverticulum - Esophagectomy and anastomosis techniques (esophageal neoplasia and periesophageal masses) - Hiatal hernia (diaphragmatic hiatal reduction and plication, esophagopexy, left-sided fundi gastropexy)			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Partial gastrectomy (gastric ulcer, ulcerative disease, necrosis, ulcer, neoplasia)	14	1.00	14.00
Practicals/Labs		0	0.00	0.00
Self study and preparation				
6	Surgery of the stomach (II)	14	1.00	14.00
Homeworks		1	20.00	20.00
Projects	Partial gastrectomy with gastrojejunostomy	0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams	Pyloromyotomy and pyloroplasty (pyloric stenosis)	0	0.00	0.00
Others		0	0.00	0.00
Final Exams				
7	Surgery of the small intestines (I)	1	14.00	14.00
Total Work Load				62.00
8	Surgery of the small intestines (II)			2.07
ECTS Credit of the Course				2.00
	and intestinal torsion - Intestinal neoplasia			
9	Anastomotic techniques of the small and large intestine			
10	Surgery of the large intestines - Obstruction of the large intestine - Cecocolonic intussusception (cecal inversion) - Perforation of the colon - Constipation and dyschezia - Megacolon - Rectal diverticulum - Neoplasia			

11	Surgery of the anorectal region - Anorectal prolapse and colopexy - Perineal hernia - Anorectal foreign bodies and fecoliths - Anorectal stricture - Congenital defects of the anus and rectum: Imperforate anus and rectal agenesis, rectovaginal fistula - Anal sac diseases - Perianal fistula - Anal and perianal tumors	
12	Surgery of the liver and hepatobiliary system (I) Anatomy and physiology of hepatobiliary system Diagnostic approach to patients with suspected liver disease - Physical examination - Diagnostic tests - Liver biopsy - Gall bladder aspiration	
13	Surgery of the liver and hepatobiliary system (II) - Portosystemic shunts - Gall bladder rupture - Cystic liver disease - Extrahepatic bile duct obstruction - Liver neoplasia	
14	Surgery of the pancreas - Pancreatic biopsy - Pancreatic abscess and cysts - Partial pancreatectomy (Insulinoma, exocrine pancreatic neoplasia)	
22	Textbooks, References and/or Other Materials:	Textbook of Small Animal Surgery Douglas Slatter, 3rd Edition, Saunders comp., ISBN-10: 0721686079, ISBN-13: 978-0721686073 2002 Handbook of Small Animal of Gastroenterology Todd R. Tams, 2nd Edition, Saunders comp., ISBN: 978-0-7216-8676-9, 2003 Small Animal Gastroenterology Jörg M. Steiner, Schlütersche, ISBN (Americas): 9783899930276, 2008
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBER
Midterm Exam		0
Quiz		0
Home work-project		1
Final Exam		1
Total		2
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	1	5	4	3	0	0	0	4	3	5	0	0	0	0	0
ÖK2	5	1	5	3	2	0	0	0	4	3	5	0	0	0	0	0
ÖK3	5	1	5	4	2	0	0	0	5	4	5	0	0	0	0	0
ÖK4	5	1	5	4	2	0	0	0	5	4	5	0	0	0	0	0
ÖK5	5	3	4	5	3	0	0	0	5	5	5	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				