

# GYNECOLOGIC AND OBSTETRIC SURGERY IN DOMESTIC ANIMALS

<b>1</b>	Course Title:	GYNECOLOGIC AND OBSTETRIC SURGERY IN DOMESTIC ANIMALS	
<b>2</b>	Course Code:	VDJ6025	
<b>3</b>	Type of Course:	Optional	
<b>4</b>	Level of Course:	Third Cycle	
<b>5</b>	Year of Study:	1	
<b>6</b>	Semester:	1	
<b>7</b>	ECTS Credits Allocated:	4.00	
<b>8</b>	Theoretical (hour/week):	2.00	
<b>9</b>	Practice (hour/week):	2.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:		
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Doç. Dr. Gülnaz MECİTOĞLU	
<b>15</b>	Course Lecturers:		
<b>16</b>	Contact information of the Course Coordinator:	Doç. Dr. Gülnaz MECİTOĞLU Uludag Üniversitesi Veteriner Fakültesi Hayvan Hastanesi Doğum ve Jinekoloji Anabilim Dalı 16059 Görükle Yerleşkesi Bursa Tel: +90 224 294 08 27 Email: gulnazy@uludag.edu.tr	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	To teach student advanced topics and applications of gynecologic and obstetric surgery in domestic animals.	
<b>19</b>	Contribution of the Course to Professional Development:	Providing the future expert with advanced and current knowledge and application methods in the field of veterinary gynecology and obstetric operations and applications	
<b>20</b>	Learning Outcomes:		
		<b>1</b>	Ability to know and perform ovariectomy, tubal ligation, salpingectomy and ovariohysterectomy in carnivores.
		<b>2</b>	Ability to know and perform submucosal resection of vagina in carnivores.
		<b>3</b>	Ability to know and perform vaginal amputation in carnivores.
		<b>4</b>	Ability to know and perform en-bloc ovariohysterectomy in carnivores.
		<b>5</b>	Ability to know and perform vaginal mass extripation in carnivores.
		<b>6</b>	Ability to know and perform episiotomy and episoplasty.
		<b>7</b>	Ability to know and perform cesarean section (hysterotomy) in carnivores and both cesarean section (hysterotomy) and fetotomy in farm animals.

	<b>8</b>	Ability to know and perform operative treatment of mammary tumors carnivores.
	<b>9</b>	Ability to know and perform treatment of cervical laserations and cervicopexy in large animals.
	<b>10</b>	Ability to know laparoscopic surgery includes reproductive endications in domestic animals.
<b>21</b>	Course Content:	
	<b>Course Content:</b>	
<b>Week</b>	<b>Theoretical</b>	<b>Practice</b>
<b>1</b>	Ovariohysterectomy, ovariectomy, tubal ligation and salphingectomy in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>2</b>	Submucosal resection of vagina in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>3</b>	Vaginal amputation in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>4</b>	En-bloc ovariohysterectomy in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>5</b>	Vaginal mass extrpation in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>6</b>	Episiotomy and episiooplasty	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>7</b>	Mammary tumor operations in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>8</b>	Cesarean section(hysteretomy) in carnivores.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>9</b>	Cesarean section(hysteretomy) in large animals.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>10</b>	Fetotomy	Phantom application on slaughterhouse material
<b>11</b>	Treatment of cervical laserations and cervicopexy in large animals.	Making an appointment for the operative interventions of the patients brought to BUU Animal Hospital, Obstetrics and Gynecology Clinics, and ensuring the active participation of the specialist candidate in the operation
<b>12</b>	Laparoscopic surgery techniques includes reproductive endications in domestic animals.	Watching and interpreting application videos on the subject together
<b>13</b>	Ovariectomy in large animals for research.	Watching and interpreting application videos on the subject together
<b>14</b>	Current approaches to anesthesia and operation techniques to reproductive surgery	Reading and interpreting articles and reviews on current approaches, and applying them to necessary patients

<b>22</b>	Textbooks, References and/or Other Materials:	TOBIAS KM, JOHNSTON SA.(Ed.) Veterinary surgery:small animal, St. Louis,Elsevier, 2012. YOUNGQUIST R.(ed.)Theriogenology in large animal current therapy. W.B. Saunders Company., 1997.
<b>23</b>	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBE R</b>
Midterm Exam		0
Quiz		0
Home work-project		0
Final Exam		1
Total		1
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Written exam aiming to measure student's mastery of the subject and his / her interpretation ability
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	2.00	28.00
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	2	3.00	6.00
Final Exams	1	20.00	20.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

<b>25</b>	<b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b>															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
<b>ÖK1</b>	5	3	4	3	1	2	2	2	3	3	4	5	4	4	3	2
<b>ÖK2</b>	5	5	5	5	4	5	3	2	4	3	4	3	4	5	4	4
<b>ÖK3</b>	4	3	4	3	5	2	3	3	3	2	4	5	5	3	2	4
<b>ÖK4</b>	4	3	4	3	5	2	3	3	3	3	2	4	5	4	4	2
<b>ÖK5</b>	5	4	5	4	4	3	4	4	4	4	3	5	5	5	3	3
<b>ÖK6</b>	1	2	3	4	3	4	3	4	2	4	3	4	3	4	3	4

ÖK7	3	2	4	3	5	3	4	4	3	2	3	4	3	4	3	4
ÖK8	4	5	3	4	2	5	4	2	3	4	5	3	4	3	4	3
ÖK9	3	4	5	3	3	4	5	3	4	2	4	5	4	3	5	4
ÖK10	4	5	3	4	2	3	3	5	3	2	4	2	4	2	3	5

**LO: Learning Objectives    PQ: Program Qualifications**

<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
----------------------------	-------------------	--------------	-----------------	---------------	--------------------