

Requirements of small animal reproduction protocols for the 11th semester
Department and Clinic of Reproduction- 2018

Seventy percent of obstetric and reproductive examinations listed below have to be performed at least and students have to participate actively in the interventions.

- 1. Establishment of optimal time of mating, ovulation diagnosis in dog.**
 - a. vaginoscopy
 - b. vaginal cytology (sample taking, stain, validation)
 - c. collection
- 2. Diagnosis of pyometra, medical and operative treatment in dog and cat.**
 - a. vaginal examination
 - b. abdominal ultrasound examination
 - c. estimation of results, differential diagnosis
- 3. Spaying and castration of dogs and cats (ovariectomy, ovariectomy, castration)**
 - a. preparation for operation
 - b. discussion of anaesthetic possibilities
- 4. Diagnosis of pregnancy**
 - a. abdominal ultrasound
 - b. differential diagnosis
- 5. Caesarean section**
 - a. preparation for operation
 - b. participation in intervention
 - c. attend of newborns (resuscitation, supply of umbilical cord)
- 6. Carrying of parturition; attend of newborns, artificial feeding.**
- 7. Complex therapy of mammary tumours**
 - a. diagnosis
 - b. previous diagnostic examinations, validation of results, establishment of prognosis
 - c. participation in operation
 - d. postoperative treatment
- 8. Examination of semen; artificial insemination in dog**
- 9. Diagnosis and treatment of periparturient diseases (retention of placentae, eclampsia puerperalis, mastitis)**
- 10. Diagnosis and treatment of prolapsus vaginae and vaginal tumours**
 - a. diagnosis
 - b. participation in operation

	date	signature
Establishment of optimal time of mating, ovulation diagnosis in dog		
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Diagnosis of pyometra, medical and operative treatment in dog and cat		
vaginal examination		
abdominal ultrasound examination		
Spaying and castration of dogs and cats (ovariectomy, ovariohysterectomy, castration)		
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postoperative treatment		
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Diagnosis and treatment of peripartal diseases (retention of placentae, eclampsia puerperalis, mastitis)		
Diagnosis and treatment of prolapsus vaginae and vaginal tumours		
diagnosis		
participation in operation		