

Academic Year:	2023/2024	Group of subjects: basic / professional	Catalogue number:	E36
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Module title ¹⁾ :	Surgery of genital organs in dogs and cats (solo castration)			ECTS ²⁾	1
Polish Translation ³⁾ :	Zabiegi chirurgiczne na narządach rozrodczych psów i kotów (kastracja)				
Faculty ⁴⁾ :	Faculty of Veterinary Medicine				
Person in charge of the module ⁵⁾ :	dr hab. Piotr Jurka				
Teachers responsible for laboratory classes, workshops and seminars ⁶⁾ :	dr hab. Piotr Jurka,				
Unit responsible for the module ⁷⁾ :	Department of Small Animal Disease with Clinic				
Faculty in charge ⁸⁾ :	Faculty of Veterinary Medicine				
Module status ⁹⁾ :	a) mandatory / elective	b) stage JM	year 6	c) intramural	
Teaching cycle ¹⁰⁾ :	Semester: winter / summer	Module language ¹¹⁾ : English			
Objectives of the module ¹²⁾ :	Students take part in workshops on Small Animal Clinics with high number of animals. During workshops students apply knowledge from reproduction and surgery of reproductive system. The aim is to provide practical skills required to assess aetiology and pathogenesis of small animals, perform clinical diagnosis and examination and apply proper therapeutic procedures.				
Teaching forms and number of hours ¹³⁾ :	a) Practicals: 15 h b) ... c) ...				
Teaching methods ¹⁴⁾ :	Clinical internship in the Small Animals Clinic.				
Detailed module description ¹⁵⁾ :	Realization of internship takes place in Small Animals Clinic. During internship students actively participates (under the supervision of University teacher) in current veterinary procedures, execute clinical examination with the focus on reproductive tract, use appropriate instruments and utensils, apply proper methods to diagnose pregnancy both clinically (manually, ultrasonography) and with laboratory methods, recognize physiological and pathological conditions of reproductive tract organs in the aspect of postpartum period and oestrus cycle phase and propose treatment of those conditions, analyse causes of infertility and reproductive disorders in dogs and cats. Gain practical skills in procedures of surgical castration dogs and cats.				
Formal prerequisites ¹⁶⁾ :	General surgery and anaesthesiology, Dog and cat diseases				
Initial requirements ¹⁷⁾ :	Student should have holistic knowledge and ability to connect and extrapolate previously learned topics into coherent ideas regarding prevention, diagnosis, therapy and management of animal conditions. Student should know basics in handling of animals and safety rules.				
Learning outcomes ¹⁸⁾ :	01 – execute anamnesis with the aim of gathering detailed information about single animal, stud and their environment 02 – execute clinical examination with the focus on reproductive tract, with the of use appropriate additional methods e.g. instruments and utensils 03 – know proper methods and instruments to diagnose reproductive tract disorders requiring surgical intervention	04 – know how to prescribe and use drugs and medical materials according to legal regulations and rules of their safe storage and utilization; provide clinical documentation of each patient 05 – prepare evidence and documentation; use existing files 06 – create clear documentation of clinical cases according to current legal regulations in the form that can be easily understood by other veterinarians or owners			
Assessment methods ¹⁹⁾ :	Evaluation of student's activity and knowledge during internship. Project rapport, medical history card, oral examination and assessment of practical skills.				
Formal documentation of the learning outcome ²⁰⁾ :	Internship notebook, medical history card , exam protocol, grade in eHMS				
Elements impelling final grade ²¹⁾ :	Final grade is the mean result of grades from all four disciplines. Oral examination and practical abilities assessment 50%, verification of student's activity and knowledge during internship 25%, medical history card 25%.				
Teaching base ²²⁾ :	Department of Small Animal Diseases with Clinic				

Obligatory and supportive materials²³⁾:

Textbooks:

1. Handbook of Veterinary Obstetrics / Peter G. G. Jackson; il. John Fuller; Saunders Ltd.; 2 edition (July 27, 2004)
2. Veterinary Reproduction and Obstetrics. D.E. Noakes, T.J. Parkinson, G.C.W. England 9th ed. Saunders, Elsevier, 2009
3. Johnston SD, Root Kustritz MV, Olson PNS: Canine and Feline Theriogenology. WB Saunders Company
4. England G, von Heimendahl A: BSV A Manual of Canine and Feline Reproduction, 2nd edition
5. Fossum TW Small Animal Surgery Mosby Company

Journals:

Theriogenology, Animal Reproduction Science, Reproduction of Domestic Animals, Biology of Reproduction, Reproduction, Fertility and Sterility, Reproductive BioMedicine Online, Archives of Andrology, International Journal of Andrology, Andrology

Annotations²⁴⁾:

Quantitative summary of the module²⁵⁾:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module ¹⁸⁾ - base for quantifying ECTS ²⁾ :	20 h
Total ECTS points, accumulated by students during contact learning:	1 ECTS
Total ECTS points, accumulated by student during practical classes (laboratories, projects, seminars, etc.):	1 ECTS

Learning outcomes of the module relative to the learning outcomes of the subject²⁶⁾:

Outcome No / symbol	Learning outcomes:	Relative to the learning outcomes of the subject:
01	Execute anamnesis with the aim of gathering detailed information about single animal, stud and their environment	U_PUZ1
02	Execute clinical examination with the focus on reproductive tract, urogenital system both manually and with the of use appropriate additional methods e.g. Instruments and utensils	W_NK5, U_PUZ3
03	Know proper methods and instruments to diagnose reproductive tract disorders and disorders requiring surgical intervention. Gain practical skills in procedures of surgical castration dogs and cats.	W_NK3, W_NK4, W_NK7
04	Know how to prescribe and use drugs, medical materials according to legal regulations and rules of their safe storage and utilization; provide clinical documentation of each patient	WW_NP10, WW_NP12, U_OUZ3, U_PUZ10
05	Prepare evidence and documentation; use existing files correlated with animal welfare	U_PUZ17
06	Create clear documentation of clinical cases according to current legal regulations in the form that can be easily understood by other veterinarians or owners	U_OUZ3

