

Module name:		Rotation - dog and cat diseases
ECTS:		6
Learning effects		Course outcomes:
Knowledge:	1	Student knows mechanisms of normal organism's function, causes and mechanisms of disorders on the cellular, tissue, organ, system and organism levels occurring in the internal diseases; how to interpret clinical data, results of the laboratory tests and other diagnostics techniques; diagnostic (including differential diagnostics) and therapeutic procedures; rules of clinical evaluation and animal health monitoring
	2	Student knows rules of clinical evaluation and animal health monitoring
	3	Student knows causes and symptoms of pathomorphological changes, procedures for therapy and prevention in the particular diseases
	4	Student knows diagnostic (including differential diagnostics) and therapeutic procedures
	5	Student knows and differentiates the normal and abnormal reproductive mechanisms
	6	Student knows the clinical manifestations of reproductive and knows other diseases with similar clinical appearance
	7	Student knows the diagnostic schemes and protocols (including differential diagnosis) for reproduction diseases
	8	Student knows the therapeutic schemes and protocols recommended for reproductive diseases, pharmacodynamic properties of recommended products and the interactions among medicinal products
	9	Student knows the occurrence, significance, symptoms and control of rare infectious diseases of dogs and cats presented
	10	Student knows infectious diseases in which the use of ultrasound techniques will speed up the diagnosis and introduction of treatment
Skills:	1	Student is able to handle animals in safe and humane way, and instructs others to do alike
	2	Student is able to conduct anamnesis in order to acquire precise information on animal or group of animals (heard), and their environment
	3	Student is able to carry out full clinical evaluation;
	4	Student is able to perform first aid procedures for all animal species for haemorrhage, wounds, respiratory disorders, eye and ear injuries, loss of consciousness, cachexia, burns, tissue injuries, internal injuries and heart block
	5	Student is able to monitor patient status during surgery and intensive care upon the basic life parameters
	6	Student is able to implement rules of aseptic and antiseptic surgery procedures, and use proper methods of tools sterilisation
	7	Student is able to use methods of safe sedation, general and local anaesthesia, and methods for pain evaluation and relief
	8	Student is able to use the current nomenclature
	9	Student is able to plan the diagnostic procedures (including differential diagnosis) in the reproductive diseases
	10	Student is able to plan and monitor the treatment strategies

	11	Student is able to recognize rare infectious diseases, including using laboratory diagnostics
	12	Student is able to adjust the pharmacological treatment to individual infectious diseases
	13	Student is able to control rare infectious diseases
	14	Student is able to perform basic ultrasound examination using AFAST, TFAST, VetBlue and FocusedECHO protocols
Competences:	1	Student is ready to take responsibility for his decisions concerning humans, animals and environment
	2	Student is ready to act within the current standards and ethical obligations, perform actions based on the code of professional ethics, show tolerance to beliefs and behaviour influenced by different sociological and cultural background
	3	Student is ready to use unbiased sources of information
	4	student is ready to formulate conclusions from personal measurements or observations
	5	student is ready to formulate opinions regarding various aspects of professional conduct
	6	student is ready to formulate opinions regarding various aspects of professional conduct
	7	student is ready to perform critical self-evaluation, formulate constructive criticism regarding veterinary practice, accept criticism regarding postulated solutions, factual respond to that criticism based on the current scientific knowledge
	8	Student is ready to constantly update knowledge and skills for professional development
	9	Student is ready to communicate with co-workers and share the knowledge
	10	student is ready to operate under stress and duress
	11	Student formulates responsible clinical decisions based primarily on the animal welfare
	12	Student formulates his opinion about understand the onset of the disease, clinical appearance and therapeutic process in the context of normal and abnormal immune functions
	13	Student formulates the necessity of constant education using scientific sources
	14	Student is ready to recognize, plan and conduct treatment of infectious diseases
	15	Student is ready to use basic ultrasound examination techniques in everyday veterinary practice
Objectives of the module required to obtain learning effects:	<p>INTERNAL MEDICINE The aim of class is to give students opportunity to get contact with wide range of clinical cases, especially in aspect of diagnosing and treatment. Students assists clinicians during their work in Small Animal Clinic or shelter. They take part in additional diagnostic procedures and treatment, than clinical cases are discussed by the teacher.</p> <p>SURGERY The aim of the teaching is to teach the students the skills of examining, diagnosing particular diseases which qualify the patient for surgical treatment, taking into account the method of surgery, choice of anaesthesia and postoperative procedures. During the classes, in particular, the student is required to acquire practical skills such as: injections, intubation, preparation of a tool table for surgery, aseptic preparation of hands for surgery, aseptic wearing of gloves, assisting in</p>	

	<p>surgery with observing the principles of aseptic during the procedure, suturing of the skin, ligation of blood vessels, supervision of anaesthesia. The acquisition of the above skills is enforced from each student's grade and recorded in a personal record of passing the surgical skills. During classes, students also have the opportunity to improve selected surgical skills (suture, knot tying, ligation of blood vessels, osteosynthesis) on isolated organs or phantoms.</p> <p>REPRODUCTION</p> <p>The course will provide the knowledge of the specificity of dogs and cats reproduction in comparison to other animal species. Content of the curriculum will be implemented in two groups of issues: physiology of reproduction; pathology of reproduction and obstetrics. Classes are conducted in the form of practical training. Topics of practical training include diagnostics of oestrous cycle phases, pregnancy detection, physical examination, complementary diagnostic methods used in gynaecology and obstetrics, contraception (including gonadectomy), identification of the causes of infertility, basic therapeutic methods and procedures, surgical treatment in gynaecology, obstetrics and diseases of mammary gland.</p> <p>INFECTIOUS DISEASES</p> <p>The aim of the course is to familiarize students with clinical cases of rarely occurring infectious diseases of dogs and cats in the aspect of their diagnosis, differential diagnosis and control.</p>
<p>Assessment methods:</p>	<p>Evaluation of practical skills, entries in the Student's Daybook of Summer Practice and Clinical Training, written essay</p>