

Code of subject	M_WE_SEM9 PW 1G/2G DIAG EGZO
Field of study	Veterinary medicine
Name of the training module including the Polish name	Diagnostic imaging of exotic pets Diagnostyka obrazowa zwierząt egzotycznych
Language of instruction	English
Type of the training module	Elective
Level of the training module	Master level
Form of studies	Stationary
Location in the programme (year)	V
Location in the programme (semester)	IX
Number of ECTS credits with a division into contact/noncontact	1 (0.7/0.3)
Name and surname of the person in charge	dr n. wet. Anna Łojczyk
Unit offering the subject	Laboratory of Radiology and Ultrasonography
Aim of the module	Getting to know the issues related to the correct diagnostic imaging anatomy of exotic animals and the practical interpretation of images in disease.
Learning outcomes	<p>Knowledge</p> <p>W1. Student knows the advantages and limitations of particular imaging methods</p> <p>W2. knows and understands the sequence of tests carried out</p> <p>W3. has knowledge of the influence of anatomical differences on the diagnostic process</p> <p>Skills</p> <p>U1. is able to choose a diagnostic imaging method and perform a scheduled examination.</p> <p>U2 . is able to interpret radiographic and ultrasound images in various species of animals at a basic level</p> <p>Social competences</p> <p>K1. He is ready to learn and improve his skills throughout his working life</p> <p>K2. He is ready to act and make the right decisions in difficult cases, choosing a diagnostic method that would burden the patient with harmful radiation as little as possible.</p>
Preliminary and additional requirements	

Contents of the training module – a compact description	<p>Methods, advantages and limitations, indications and contraindications for performing particular imaging diagnostic techniques</p> <p>Radiation protection. Influence of patients' anatomical specificity on the course of the study. Preparation of the patient for the examination, methods of patient positioning, basics of image interpretation. Documentation. Artifacts. Basic principles of examination and diagnosis of pathological changes. Radiological and ultrasound examination of reptiles, usefulness of computed tomography in selected diseases of exotic animals. Radiological examination of the dental apparatus in small mammals and rodents. Assessment of the thoracic and abdominal organs in rodents and small mammals. Assessment of post-traumatic changes.</p>		
Recommended and obligatory reading list	<ol style="list-style-type: none"> 1. Mannion P., Diagnostic ultrasound in Small Animal Practice, Blackwell Science 2006 2. Farrow Ch. S., Veterinary Diagnostic Imaging: birds, exotic pets and wildlife 3. Krautwald - Junghans M.W., Pees M., Reese S., Tully T.: Diagnostic Imaging of exotice pets. Schlutersche 2009. 		
The intended forms/activities/teaching methods	Lab exercises, discussion, test		
Methods of verification and documentation forms of the achieved learning outcomes	<p>W - Passing a semester is based on positive results from one written test in the form of a test (10 choice questions) and obtaining a minimum of 60% correct answers.</p> <p>U - assessment of the ability to interpret images by the person conducting the classes, during the course</p> <p>K - participation in the discussion during the class</p>		
Balance of ECTS credits	CONTACT		
	Classes	Classes	Classes
	Pass	Pass	Pass
	Total	Total	Total
	NON-CONTACT		
	Preparation for exercises	5	0,17
	Literature study	4	0,13
	Total	9	0,30
	Number of contact hours	Classes	15
Pass		3	0,1
Total		18	0,7
Relationship between subject learning outcomes and veterinary studies learning outcomes	<p>K1- B.W4 ++</p> <p>K2- B.W4 ++</p> <p>K3 - B.W4 ++</p> <p>S1- B.U7 ++</p> <p>S2 - B.U7 ++</p> <p>Sc1- K1 ++, K4 ++</p> <p>Sc2- K5 ++</p>		
Impact of selected compounds to final grade	Final written credit, activity in the classroom, attendance		

