

Academic Year:	2023-2024	Group of subjects: basic / professional	Catalogue number:	E57
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Module title ¹⁾ :	Horse dentistry			ECTS ²⁾	1
Polish Translation ³⁾ :	Stomatologia koni				
Faculty ⁴⁾ :	Faculty of Veterinary Medicine				
Person in charge of the module ⁵⁾ :	Kamil Górski, DVM.				
Teachers responsible for laboratory classes, workshops and seminars ⁶⁾ :	Academic teachers of the Institute Veterinary Medicine; Department of Morphological Sciences PhD students in accordance to the internal legal acts; visiting professors; other specialists in the field of study				
Unit responsible for the module ⁷⁾ :	Department of Large Animals Diseases 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⁾ :	The aim of this basic course is to provide theoretical and basic practical skills in equine dentistry and head-and-neck surgery				
Teaching forms and number of hours ¹³⁾ :	a) Lectures: 9 h b) Practicals: 6 h				
Teaching methods ¹⁴⁾ :	Multimedia presentations. Laboratory exercises on cadavers (heads). Exercises conducted directly on the patients of the Clinic.				
Detailed module description ¹⁵⁾ :	Lectures: Dental anatomy, physiology and aging in horses. Dental diseases in horses. Oral and dental examination. Oral and dental imaging. Corrective dental procedures (including dental equipment). Equine orthodontics. Equine exodontia. Equine endodontic procedures. Mandibular and maxillary fractures in horses. Practicals: Use and maintenance of equine dental equipment. Preparation of the horse for corrective dental procedures / minor dental surgeries (incl. nerve blocs). Corrective dental procedures. Oral and dental imaging (incl. image interpretation). Round table discussion concerning clinical cases.				
Formal prerequisites ¹⁶⁾ :	Animal anatomy Modules 1&2, Histology and embryology Modules 1&2, Animal physiology Modules 1&2, Pharmacology Modules 1&2, Pathomorphology Modules 1-3, Diagnostic imaging, Clinical and laboratory diagnostics Module 1&2, Equine diseases				
Initial requirements ¹⁷⁾ :	General knowledge in equine surgery and anaesthesiology				
Learning outcomes ¹⁸⁾ :	01- Knowledge about the use and maintenance of equine dental equipment 02- Knowledge about the aetiology, pathogenesis and diagnosis of equine dental diseases 03- Execute oral / dental examination of the horse (incl. preparation of the horse) 04- Execute standard corrective dental procedures	05- Execute oral / dental imaging procedures in horses 06- Knowledge about equine orthodontics and exodontia 07- Knowledge about equine endodontic procedures (incl. endodontic materials) 08- Knowledge about diagnosis / treatment of mandibular and maxillary fractures in horses			
Assessment methods ¹⁹⁾ :	Oral (practical) and written test at the end of the module, theoretical exam				
Formal documentation of the learning outcome ²⁰⁾ :	Graded written test and examination papers, student's assessment protocol, Grade in the eHMS				
Elements impelling final grade ²¹⁾ :	Results of the test, practical evaluation and exam				
Teaching base ²²⁾ :	Lecture facilities and ambulatory of the Department of Large Animal Diseases with Clinic in Wolica				

Obligatory and supportive materials²³⁾:

1. Auer J.A., Stick A.J.: Equine Surgery. Saunders / Elsevier 2012.
2. Baker G.J., Easley J.: Equine dentistry. Saunders / Elsevier 2011.
3. Thrall D.E.: Textbook of Veterinary Diagnostic Radiology. Saunders / Elsevier 2011.

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⁾ :	30 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	Knowledge about the use and maintenance of equine dental equipment	U_PUZ13
02	Knowledge about the aetiology, pathogenesis and diagnosis of equine dental diseases	W_NK1, W_NK2, W_NK3, W_NK4, W_NK5, W_NK7,
03	Execute oral / dental examination of the horse (incl. preparation of the horse)	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13
04	Execute standard corrective dental procedures	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13
05	Execute oral / dental imaging procedures in horses	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13
06	Knowledge about equine orthodontics and exodontia	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13
07	Knowledge about equine endodontic procedures (incl. endodontic materials)	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13
08	Knowledge about diagnosis / treatment of mandibular and maxillary fractures in horses	WW_NP11, U_OUZ3, U_PUZ1, U_PUZ3, U_PUZ7, U_PUZ13