

Module title:	Small animal bone and joint surgery	ECTS	2
Polish translation:	Chirurgia narządu ruchu małych zwierząt		
Course:	Veterinary Medicine		

Module language: English		Stage: JM	
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☒ directional ☐ accessory ☐ rotation ☐ summer practice	☐ mandatory ☒ elective	Semester: ...11 Year 6 ☒ winter semester ☐ summer semester
Academic year: 2020/2021		Catalogue number:	FVM-V-JMSS-11W-ED02_20

Module coordinator:	dr hab. Jacek Sterna prof. SGGW		
Teachers responsible for the module:	Jacek Sterna, Beata Degórska, Piotr Trębacz, Jan Frymus, Sonia Skwarek, Maciej Kiełbowicz		
Unit responsible for the module:	Department of Small Animal Diseases with Clinic		
Faculty in charge:	Faculty of Veterinary Medicine		
Objectives of the module:	During the course students gain knowledge and practical abilities necessary for a veterinary practitioner working in small animal clinic. Program of the course includes presentations and use of diagnostic and treatment methods of most common orthopedic diseases of small animals. Training in the diagnosis and therapy during consultations and patients treatment. Observation of the surgical procedures of orthopedic cases with active assistance in selected cases.		
Teaching forms, number of hours:	a) Clinical classes: 30 h b) ...		
Teaching methods:	During the course students gain knowledge and practical abilities necessary for a veterinary practitioner working in small animal clinic. Program of the course includes presentations and use of diagnostic and treatment methods of most common orthopaedic diseases of small animals. Training in the diagnosis and therapy during consultations and patients treatment. Observation of the surgical procedures of orthopaedic cases with active assistance in selected cases.		
Formal prerequisites and initial requirements:	General surgery and anaesthesiology, Dog and cat diseases Theoretical knowledge and manual skills from abovementioned modules		
Learning outcomes:	Knowledge: describes, explains and interprets disorders on the cellular, tissue, organ, system and organism levels occurring in the course of the disease	Skills: carries out full clinical evaluation, formulates clear case studies and knows how to create documentation according to the current laws and regulations, in the form understandable for the owner of the animal and clear for other veterinary surgeons performs first aid procedures , choses the treatment adequate for the diagnosed disease, knows how to operate in the interdisciplinary team	Competences: develops a habit of constantly updating his knowledge and skills, knows his limitations, develops a habit of constantly updating his knowledge and skills
Assessment methods:	Assessment of the student activity by the teachers and assessment of the presentation. For grades: “4.5” and “5”contemporary paper from clinical journals should be cited.		
Formal documentation of learning outcomes:	Student performance protocol, grade in eHMS		
Elements impelling final grade:	Activity of the student during clinical classes: 50%, Multimedia presentation of the topic listed as “Detailed module description” or a presentation (“case report ”) concerning interesting patient: 50%		
Teaching base:	Small Animal Clinic		
Mandatory and supportive materials :			
Small Animal Surgery, Third Edition, Theresa Welch Fossum, Mosby Elsevier 2007			
Veterinary Surgery Small animal Vol 1,second edition, Johnston S.A., Tobias K.M. Elsevier 2018			
Selected papers concerning orthopedical clinical cases or investigations from different veterinary journals in Faculty Library			

ANNOTATIONS

Only groups of max 9 students each are permitted.

A set of instruments (surgical thumb forceps, scissors and needle holder) are required for each student during all the clinical classes

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS:	...50..... h
Total ECTS points, accumulated by students during contact learning:	...1..... ECTS

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the course outcomes*)
Knowledge -	describes, explains and interprets disorders on the cellular, tissue, organ, system and organism levels occurring in the course of the disease	W_NK 1, W_NK 2	3;3
Skills	carries out full clinical evaluation, formulates clear case studies and knows how to create documentation according to the current laws and regulations, in the form understandable for the owner of the animal and clear for other veterinary surgeons	U_PUZ3, U_OUZ3	3;3;
Skills	performs first aid procedures , choses the treatment adequate for the diagnosed disease, knows how to operate in the interdisciplinary team	U_PUZ4, U_PUZ12, UO_UZ4	3;3;3;
Competence	develops a habit of constantly updating his knowledge and skills, knows his limitations, develops a habit of constantly updating his knowledge and skills	K_KP6, K_KP7, U_OUZ11	3;3;3

*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,

WNZ-ZT-1Z-08Z-03_19

Kod Wydziału-Kod kierunku-Kod poziomu i formy-numer semestru Z zimowy L letni-numer przedmiotu w planie semestru_rok akademicki, od którego obowiązuje opis / 2019-2020 →19/

WNZ – Wydział nauk o zwierzętach (kod HMS)

ROL	Rolnictwa i Biologii
WET	Medycyny Weterynaryjnej
LES	Leśny
OGR	Ogrodnictwa, Biotechnologii i Architektury Krajobrazu
BIS	Budownictwa i Inżynierii Środowiska
TDR	Technologii Drewna
WNZ	Nauk o Zwierzętach
EKR	Nauk Ekonomicznych
NoZ	Nauk o Żywności
ZCZ	Nauk o Żywieniu Człowieka i Konsumpcji
WIP	Inżynierii Produkcji
ZIM	Zastosowań Informatyki i Matematyki
WNN	Nauk Społecznych

ZT – zootechnika

A	architektura krajobrazu
B	biologia
BD	budownictwo
BT	biotechnologia
BW	bioinżynieria zwierząt
BZ	bezpieczeństwo żywności
D	dietetyka
E	ekonomia
ER	ekologiczne rolnictwo i produkcja żywności
F	finanse i rachunkowość weterynaria
GH	gastronomia i hotelarstwo
GP	gospodarka przestrzenna
H	hodowla i ochrona zwierząt towarzyszących i dzikich
IB	inżynieria systemów biotechnicznych
IE	informatyka i ekonometria
IG	inżynieria i gospodarka wodna
IK	inżynieria ekologiczna
IN	informatyka
IS	inżynieria środowiska
L	logistyka
LS	leśnictwo
M	meblarstwo
O	ogrodnictwo
OR	ochrona zdrowia roślin
OS	ochrona środowiska
P	pedagogika
R	rolnictwo
S	socjologia
TD	technologia drewna
TE	technologie energii odnawialnej
TU	turystyka i rekreacja
TB	towaroznawstwo w biogospodarce
TZ	technologia żywności i żywienie człowieka
W	weterynaria
W-N	weterynaria weterynaria
Z	zarządzanie
ZC	żywienie człowieka i ocena żywności
ZP	zarządzanie i inżynieria produkcji
ZT	zootechnika

1Z – studia I stopnia niestacjonarne

1S – I st., stacjonarne;

2S – II st., stacjonarne;

2Z – II st., niestacjonarne