



SZKOŁA GŁÓWNA  
GOSPODARSTWA  
WIEJSKIEGO

## Anaesthesia and pain management in veterinary procedures

### Educational subject description sheet

#### Basic information

<b>Field of study</b> Veterinary Medicine	<b>Didactic cycle</b> 2024/25
<b>Speciality</b> -	<b>Subject code</b> WETFVMS_D.5100.01765.24
<b>Organizational unit</b> Faculty of Veterinary Medicine	<b>Lecture languages</b> english
<b>Study level</b> long-cycle	<b>Mandatory</b> Elective subjects
<b>Study form</b> full-time studies	<b>Block</b> Major subjects
<b>Education profile</b> General academic	<b>Disciplines</b> Veterinary medicine
<b>Coordinator</b>	Katarzyna Siewruk
<b>Teacher</b>	Katarzyna Siewruk
<b>Period</b> Semester 9	<b>Examination</b> Pass with grade
	<b>Activities and hours</b> Lecture: 15
	<b>Number of ECTS points</b> 1

#### Goals

Code	Goal
C1	Objective of this module is to give students theoretical and practical directions and competences in the role of anaesthesiologist during common surgeries and veterinary procedures and in post-surgery and palliative pain management.

## Entry requirements

General surgery and anaesthesiology, Veterinary pharmacology

## Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
<b>Knowledge - Student knows and understands:</b>			
W1	how to collect, analyse and correctly interpret clinical data of cases.	B.W5, B.W6	Assessment of activity during classes
<b>Skills - Student can:</b>			
U1	select methods of safe sedation, general and local anaesthesia, and methods for pain evaluation and relief.	B.U10, B.U11, B.U12, B.U9	Assessment of activity during classes
<b>Social competences - Student is ready to:</b>			
K1	evaluates the case-studies of animal anaesthesia and analgesia and derives from them knowledge for self-enhancement in the professional development	KS.8, KS.9	Assessment of activity during classes

## Study content

No.	Course content	Subject's learning outcomes	Activities
1.	1. The role of the anesthesiologist in veterinary procedures 2. Drugs used for anesthesia during veterinary procedures. 3. Possibilities of using anesthetics in veterinary procedures. 4. Recovery care of the patient 5. Palliative care for the patient	W1, U1, K1	Lecture

## Course advanced

Activities	Methods of conducting classes
Lecture	Lecture, E-learning - lecture part

Activities	Examination method	Percentage
Lecture	Assessment of activity during classes	100%

Activities	Credit conditions
Lecture	Activity and knowledge of the students within classes. No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.

## Literature

### Obligatory

1. Veterinary anesthesia and analgesia, 5th Edition of Lumb and Jones, 2016
2. Errors in veterinary anesthesia, John.W.Ludders,2017
3. Canine and feline anesthesia and co-existing disease, Lindsey B.C.Snyder and Rebecca A.Johnson, 2015

### Optional

1. Relevant scientific publications including those of the module coordinator.

## Calculation of ECTS points

<b>Activity form</b>	<b>Activity hours*</b>
Lecture	15
Self-study on the content covered in class	15
<b>Student workload</b>	<b>Hours</b> 30
<b>Number of ECTS points</b>	<b>ECTS</b> 1

\* hour means 45 minutes

## Effects

Code	Content
KS.8	Absolwent jest gotów do pogłębiania wiedzy i doskonalenia umiejętności
KS.9	Absolwent jest gotów do komunikowania się ze współpracownikami i dzielenia się wiedzą
B.U9	Absolwent potrafi pozyskiwać i wykorzystywać informacje o weterynaryjnych produktach leczniczych dopuszczonych do obrotu
B.U10	Absolwent potrafi przepisywać i stosować weterynaryjne produkty lecznicze oraz materiały medyczne, z uwzględnieniem ich bezpiecznego przechowywania i utylizacji
B.U11	Absolwent potrafi stosować metody bezpiecznej sedacji, ogólnego i miejscowego znieczulenia oraz oceny i łagodzenia bólu
B.U12	Absolwent potrafi monitorować stan pacjenta w okresie śród- i pooperacyjnym w oparciu o podstawowe parametry życiowe
B.W5	Absolwent zna i rozumie zasady przeprowadzania badania klinicznego i monitorowania stanu zdrowia zwierząt
B.W6	Absolwent zna i rozumie sposób postępowania z danymi klinicznymi i wynikami badań laboratoryjnych i dodatkowych