

ERASMUS+

Blended Intensive Programme

24.11.2025-29.11.2025

Emergency veterinary medicine:

Teamwork between ER doctor, anaesthesiologist and surgeon

(3 EAP)

Time and length: 24.11.-29.11.2025. Six days: one day online lectures, five days of live lectures and wetlabs.

Location: Estonian University of Life Sciences, Institute of Veterinary Medicine and Animal Sciences, Tartu.

Lecturers: **Valentina Oborina**, DVM, PhD (emergency medicine) – head of the programme

Aleksandr Semjonov, DVM, PhD (anaesthesiology)

Nikolajs Oborins, DVM (surgery)

Expected participants: Students on pre-final or final course of veterinary medicine. **Ten participants** will be accepted to the course.

Criteria from hosting university: Students who have fulfilled 100% of the previous years curriculum are legible for registration for the course.

Brief description of the course: The course gives an overview of the most commonly presented problems in veterinary emergency from the point of view of emergency doctor, anaesthesiologist and surgeon. The course provides first day skills in emergency situation such as shock, respiratory distress, trauma, and emergency analgesia and anaesthesia. The course gives an overview of surgical management of traumatic patients. The course includes practical wetlabs on life- saving procedures in respiratory distress patients, feeding tube placements and most common surgical techniques on gastro-intestinal tract.

Outcomes of the course: The participant will have knowledge on basic veterinary triage and shock. Participant is able to choose most suitable fluid therapy, pain management, and anaesthesia for emergency patient. Participant will know how to manage patient with respiratory distress; including perform life-saving procedures in respiratory distress patient. Participant is able to stabilize trauma patients and is familiar with different surgical treatment methods in these patients. Participant will know aspects of mechanical lung ventilation in emergency patients and surgery. Participant will be aware of aspects on surgical decision making in patients with peritoneal effusion. Participant will have knowledge on management of patient with diaphragmatic or pericardial hernia, and patient with head trauma. Participant will have practical knowledge on how to place most common feeding tubes and carry out surgical techniques on gastro-intestinal tract.

24.11.2025 Online lectures

Time	Topic	Lecturer	Length
TBA	<i>Welcome lecture</i>		15-20min
TBA	<i>How to survive emergency shift in veterinary clinic?</i>	V. Oborina	1,5h
		Lunch break	
TBA	<i>Most common mistakes in anaesthesia</i>	A. Semjonov	1,5h
TBA	<i>Most common mistakes in surgery</i>	N. Oborins	1,5h

In the evening social event in Tartu: details will be sent to the participants

25.11.2025

Time	Topic	Lecturer	Length
TBA	<i>Fluid therapy in emergency treatment</i>	V. Oborina	1,5h
TBA	<i>Shock</i>	V. Oborina	1,5h
		Lunch break	
TBA	<i>Pain management in emergency patients</i>	A. Semjonov	1,5h
TBA	<i>Anaesthesia in emergency patients: what you need to make it happen</i>	A. Semjonov	1,5h

26.11.2025

Time	Topic	Lecturer	Length
TBA	<i>ABC of respiratory distress patient</i>	V. Oborina	1,5h
TBA	<i>Surgery in thoracic trauma</i>	N. Oborins	1,5h
		Lunch break	
TBA	<i>Surgery in thoracic trauma</i>	N. Oborins	1,5h
TBA	<i>Lung ventilation</i>	A. Semjonov	1,5h

27.11.2025

Time	Topic	Lecturer	Length
TBA	<i>Trauma patient</i>	V. Oborina	1,5h
TBA	<i>Surgery in abdominal trauma</i>	N. Oborins	1,5h
		Lunch break	
TBA	<i>Surgery in abdominal trauma</i>	N. Oborins	1,5h
TBA	<i>Post-op and nutrition of critically ill patient</i>	V. Oborina	1,5h

After lectures a tour in the veterinary institute and animal clinics

28.11.2025

Time	Topic	Lecturer	Length
TBA	<i>Case(s) discussion</i>	A. Semjonov	1,5h
TBA	<i>Case(s) discussion</i>	A. Semjonov N. Oborins	1,5h
		Lunch break	
TBA	<i>Case(s) discussion</i>	V. Oborina N. Oborins	1,5h
TBA	<i>Case(s) discussion</i>	V. Oborina A. Semjonov	1,5h

In the evening social event in Tartu: details to be sent to participants

29.11.2025 Practical wetlabs

Time	Topic	Lecturer	Length
TBA	<i>Wetlab (Tracheostomy; Thoracocentesis; Placement of thoracic drain and feeding tubes;gastropey and intestinal anastomosis)</i>	N. Oborins V. Oborina A. Semjonov	1,5h
TBA	<i>Wetlab (Tracheostomy; Thoracocentesis; Placement of thoracic drain and feeding tubes;gastropey and intestinal anastomosis)</i>	N. Oborins V. Oborina A. Semjonov	1,5h
		Lunch break	
TBA	<i>Wetlab (Tracheostomy; Thoracocentesis;Placement of thoracic drain and feeding tubes;gastropey and intestinal anastomosis)</i>	N. Oborins V. Oborina A. Semjonov	1,5h
TBA	<i>Conclusions, Q&A</i>	N. Oborins V. Oborina A. Semjonov	1h

For registration to the course please contact **your contact person in your university**. For funding the attending of this course please contact your university ERASMUS coordinator.

More detailed information will be sent to the registered participants in the end of September or beginning of October 2025.

We are looking forward to meeting you in November in Tartu!

Contacts of the lecturers:

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