



# Advanced veterinary nursing anaesthesia care DO0135

Course Leader: Anneli Rydén  
 Assistant Course Leader: Hafiz Bakri  
 Examiner: Desiree Ferrari  
 Course administrator: Anki Gustafsson kv-us@slu.se

**Bold: Mandatory**  
 L: Lecture  
 S: Seminar  
 ES: Examination Seminar  
 PT: Practical Training  
 SS: Self/Group Study  
 VHC: On-site VHC

Prel. Schedule 2024-09-24

Date	Time	Session/Task	Speaker	Venue
<b>Week 44</b>				
Fri 1/11		No scheduled activities. The day before All Saints' Day.		
<b>Week 45</b>				
Mon 4/11	9.15- 12.00	L: Introduction to the course  Time for working on individual and group study assignments	AR	Zoom
Tue 5/11	09.15- 10.00 10.15- 11.00	L: Scientific Journal Club: How to Organize, Lead, and Participate Q and A (Questions and Answers) about the course  SS: Discussion in study groups: document outlining how your study group will work. <b>Upload the group assignment document on Canvas</b> Time for working on study assignments	AR	Zoom
Wed 6/11		Cardiovascular anaesthesia L: Cardiovascular physiology and anatomy L: Cardiac membrane potentials SS: Reading scientific articles and study material	DF	Recorded
Thu 7/11		ECG interpretation during anaesthesia L: Keeping Up with the Current: A Deep Dive into ECGs SS: Reading scientific articles and study material Case based Discussion (CbD) in study groups. <b>CbD assignment on Padlet</b>		Recorded
Fri 8/11	10.15-12.00	<b>S: Group presentation CbD</b>	AR, DF	Zoom
<b>Week 46</b>				
Mon 11/11		Blood pressure and vasopressors SS: Reading scientific articles and study material		
Tue 12/11		L: Vasopressors for anaesthetists SS: Reading scientific articles and study material <b>CbD- Individually comment on Canvas</b> Time for working on study assignments	DF	Recorded
Wed 13/11		L: CRI Calculation SS: Reading scientific articles and study material	AR	Recorded
Thu 14/11		Respiratory system in anaesthesia L: Respiratory system and anaesthesia SS: Reading scientific articles and study material	DF	Recorded

Fri 15/11	10.15-12.00	<b>S: Journal Club</b>	AR DF	Zoom
<b>Week 47</b>				
Mon 18/11		<i>Time for working on study assignments</i> <b>CRI- Individual assignments on Canvas</b>		
Tue 19/11		<i>Time for working on study assignments</i>		
Wed 20/11	09.15- 12.00	L: Understanding and Managing Pain: Physiology, Assessment, and Treatment in Dogs and Cats	TG	VHC
	13.15- 15.00			
Thu 21/11	15.15- 16.30	<i>Time for working on group study assignments</i>	AR, HB	
	09.15- 12.00	L: Optimizing Anaesthesia Care in Pediatric and Geriatric dogs and cats	TG	VHC
Fri 22/11	13.15- 16.30	<i>Time for working on group study assignments</i>		
	09.15- 12.00	<b>S: CbL and Cbd</b>	TG, AR, DF	VHC
Fri 22/11	13.15- 16.30	<i>Time for working on group study assignments</i>		
	<b>Week 48</b>			
Mon 25/11		<i>Introduction to mechanical ventilation</i> SS: Reading scientific articles and study material <b>SS: Individual comment on Canvas</b> <i>Time for working on study assignments</i>		
Tue 26/11		<i>Monitoring mechanical ventilation</i> L: Capnography and Spirometry SS: Reading articles and study material	DF	Recorded
Wed 27/11		<b>SS: Individual Cbd assignment on Canvas</b>  <i>Time for working on study assignments</i>		
Thu 28/11	09.15- 10.00	Discussion, Q and A mechanical ventilation	AR	Zoom
Fri 29/11	10.15- 12.00	<b>S: Journal Club</b>	AR, DF	Zoom
<b>Week 49</b>				
Mon 2/12		<i>Time for working on study assignments</i>		
	13.15-16.00	<i>Sustainable Anaesthesia care</i> L: Managing Anaesthesia care science– A Veterinary Nurse’s Role Throughout L: Emergency Preparedness in Perioperative Veterinary Nursing	AR	Zoom
Tue 3/12	09.15-12.00	L: Potential pitfalls, errors, and distribution of responsibilities within anaesthesia care, SBAR	AR	Zoom
	13.15- 16.00	<b>S: Flipped classroom: Medical Errors, An Ounce of Prevention</b>		
Wed 4/12	09.15- 12.00	L: Low flow anaesthesia L: Sustainable Anaesthesia - Pathways to a Greener Future Multicentre study Sustainable Anaesthesia SS: Reading scientific articles and study material	AR	Zoom
Thu 5/12	10.15- 12.00	<b>S: Journal Club</b>	AR, DF	Zoom

Fri 6/12		<i>Time for working on study assignments</i>		
<b>Vecka 50</b>				
Mon 9/12		<i>The hepatobiliary system in anesthesia</i> L: The hepatobiliary system in anesthesia L: Gastroesophageal reflux L: Anesthesia for patients with septic abdomen SS: Reading scientific articles and study material	DF	Recorded
Tue 10/12		<i>The renal system in anaesthesia</i> L: The renal system in anaesthesia SS: Reading scientific articles and study material	DF	Recorded
Wed 11/12		L: No More Kidney Around: Anaesthesia for the Patient with Renal Disease SS: Reading scientific articles and study material		Recorded
Thu 12/12		<b>SS: CbD group assignment on Canvas</b>		
Fri 13/12	10.15- 12.00	<b>S: Journal Club</b> <i>Time for working on study assignments</i>	AR, DF	Zoom
<b>Vecka 51</b>				
Mon 16/12	09.15- 12.00 13.15- 14.00  14.30- 16.30	L: Perioperative care during standing sedation and general anaesthesia of horses  <b>PT: Perioperative care of horses</b> <b>PT: Mechanical ventilation small and large animals</b>	LW  AR, LW, DF, AV	VHC
Tue 17/12	09.15- 12.00  13.15- 16.30	Fluid therapy, Acid-Base Balance, Oxygenation and Ventilation  <b>S: CbL and CbD</b>	TvL  AR, DF, LW	Zoom at VHC  VHC
Wed 18/12		<i>Time for working on group study assignments</i>	AR, HB	(VHC)
Thu 19/12		<i>Time for working on group study assignments</i>		
Fri 20/12	10.15-12.00	<b>S: Journal Club</b>	AR, DF	Zoom
<b>Week 52-1</b>				
23/12-24 - 1/1 - 25		<i>No scheduled activities</i>		
Thu 2/1		SS: Reading scientific articles and study material		
Fri 3/1	10.15-12.00	<b>S: Journal Club</b>	AR, DF	Zoom
<b>Week 2</b>				
Mon 6/1		Public holiday		
Tue 7/1	10.15- 12.00	L: CPR and CPR Ethics SS: Reading scientific articles and study material	AR, DF	Zoom Recorded

Wed 8/1		SS: CbD in study groups. <b>SS: CbD assignment on Padlet</b>		
Thu 9/1	10.15- 12.00	<b>S: CPR and Ethics in CPR</b>	AR, DF	Zoom
Fri 10/1	10.15-12.00	<b>S: Journal Club</b>	AR, DF	Zoom
<b>Week 3</b>				
Mon 13/1	09.15- 12.00	<b>PT: Anaesthesia care</b>	AR, DF	VHC
	13.15- 16.30	<b>PT: Anaesthesia care</b>	AR, DF	
Tue 14/1		<i>Time for working on group study assignments</i>		VHC
Wed 15/1	09.15- 12.00 13.15- 16.30	<b>ES: Presentations group study assignments</b> <b>ES: Presentations group study assignments</b>	AR, DF	VHC
Thu 16/1		<i>Time for working on study assignments</i>		
Fri 17/1		<i>Time for working on study assignments</i>		

AR- Anneli Rydén  
DF- Desirée Ferarri  
HB- Hafiz Bakri  
LW- Lisa Wilteus  
TG- Tamara Grubb  
TvL- Thijs van Loon