

MODULE HANDBOOK

Course: Clinical Co-Assistance Surgery and Radiology
Academic Year: 2017/2018

A. Course Identity

Modul name	Clinical Co-Assistance Surgery and Radiology	
Modul level	Co-Assistance	
Abbreviation, if applicable		
Sub---heading, if applicable		
Courses included in the module, if applicable		
Semester/term	1/2	
Modul coordinator	Dr. drh. Hartiningsih, MP	
Lecturer(s)	<ol style="list-style-type: none"> 1. Dr. drh. Hartiningsih, MP 2. drh. Setyo Budhi, MP 3. Dr. drh. Dhirgo Aji, MP 4. drh. Devita Anggraeni, MP, PhD 5. drh. Agus Purnomo, MSc 6. drh. Dito Anggoro, MSc 	
Language	Bahasa Indonesia	
Classification within the curriculum	Compulsory course	
Teaching format/ class hours per week during the semester	<p>40 hours lecture 132 hours laboratory skills</p> <ul style="list-style-type: none"> • Dry lab • Surgery skills • Rumenotomy surgery • Dentistry <p>66 hours field studies</p> <ul style="list-style-type: none"> • Internship at RSH Soeparwi • Large animal 	
Workload	<p>Lecture : 40 hrs/wks/smt</p> <p>Laboratory skills</p> <ul style="list-style-type: none"> • 33 hours Dry lab : 33 hrs/wks/smt • 33 hours Surgery skills : 33 hrs/wks/smt • 33 hours Rumenotomy surgery : 33 hrs/wks/smt • 33 hours Dentistry : 33 hrs/wks/smt <p>Field studies</p> <ul style="list-style-type: none"> • 33 hours Internship at RSH Soeparwi : 33 hrs/wks/smt • 33 hours Practical Large animal : 33 hrs/wks/smt <p style="text-align: right;">TOTAL : 238 hrs : 9,52 ECTS</p>	
Credit points	6	

Requirements	Bachelor of Degree (SKH)
Learning goals/ competencies	CO1. Ability to understand veterinary surgery CO2. Ability to apply practical and lege artis skills of veterinary surgery
Content	<p>The course are discuss about :</p> <ol style="list-style-type: none"> 1) Preparation before the surgery, 2) Sutures and knots, 3) Diagnostic imaging 4) Catheterization, tracheal intubation, resuscitation techniques, and gas anesthesia techniques, 5) IV Catheter techniques and fluid therapy 6) Postoperative care 7) Practical surgery skills
Study / examination achievements	<ol style="list-style-type: none"> 1. Pre Clinical Co-Assistance of Surgery and Radiology exam (100) <ol style="list-style-type: none"> a. written exam (25) b. practical exam (60) c. Attitude (15) 2. Dry lab (surgical approach) (100) <ol style="list-style-type: none"> a. pre-dry lab exam (25) b. Practical dry lab skill (60) c. Attitude (15) 3. Surgery skills (100) <ol style="list-style-type: none"> a. pre-surgery exam (25) b. Practical Surgery skill (60) c. Attitude (15) 4. Internship at RSH Soeparwi (100) <ol style="list-style-type: none"> a. Filling medical examination card (25) b. Reports (25) and case report exam (35) c. Attitude (15) 5. Rumenotomy surgery (100) <ol style="list-style-type: none"> a. pre-rumenotomy exam (25) b. Practical rumenotomy skill and postoperative care (60) c. Attitude (15) 6. Large animal (100) <ol style="list-style-type: none"> a. filling medical examination cards (25) b. reports (25) and case report exam (35) c. Attitude (15) 7. Dental treatment / dentistry (100) <ol style="list-style-type: none"> a. pre-scaling exam (25) b. practical scaling skill (60) c. Attitude (15) <p>Evaluation of learning outcomes is based on the average value of pre-coas exam, dry lab, Practical surgery skills, Internship at RSH Soeparwi, rumenotomy, large animal and dentistry, then converted in letter value with the following conditions: A = 81-100</p>

	<p>B = 71-80 C = 61-70 TL = incomplete</p>
Literature	<p>Fossum TW, Dewey CW, Horn CV, Johnson AJ, Mac Phail CM, Radlinsky MG, Schulz KS, and Willard MD, 2013. <i>Small Animal Surgery</i>. 4th ed, Elsevier Mosby Inc., Missouri, USA</p> <p>Griffon D and Hammaide A, 2016. <i>Complication in Small Animal Surgery</i>, Willey Blackwell Publishing, Ltd., United Kingdom</p> <p>Grimm KA, Lamont LA, Tranquilli WJ, Greene SA and Robertson SA, 2015. <i>Veterinary Anesthesia and Analgesia</i>, 5th ed., Willey Blackwell Publishing, Ltd., United Kingdom</p> <p>Slatter, D., 2003. <i>Small Animal Surgery</i>, 3 ed. Vol 1. Saunders, Elsevier Science (USA).</p> <p>Tobias KM, 2010. <i>Manual of Small Animal Soft Tissue Surgery</i>, Willey Blackwell Publishing, Ltd., United Kingdom</p> <p>Tobias KM and Johnston SA, 2012. <i>Veterinary Small Animal Surgery</i>, 1st ed, Elsevier Mosby Inc., Missouri, USA.</p>

B. PLO mapping to CO

PLO	CO 1	CO 2
18. Students are able to perform lege-artis medical action	x	x
19. Students are able to handle diseases in livestock animal, pet, companion animal, wildlife animal, aquatic animals and laboratory animals		x
23. Students are able to handle diseases in livestock animal, pet, companion animal, wildlife animal, aquatic animals and laboratory animals		x