

Learning goals/ competencies	CO1. Ability to understand veterinary surgery CO2. Ability to apply practical and lege artis skills of veterinary surgery
Content	The course are discuss about : 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/ exam achievement	<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:</p>

	A = 81-100 B = 71-80 C = 61-70 TL = incomplete
Forms of Media	Text (whiteboard), picture, photo, diagram, poster, slide projector, video, LCD projector, surgery room
Literature	<ol style="list-style-type: none"> 1. 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 2. Griffon D and Hammaide A, 2016. <i>Complication in Small Animal Surgery</i>, Willey Blackwell Publishing, Ltd., United Kingdom 3. 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 4. Slatter, D., 2003. <i>Small Animal Surgery</i>, 3 ed. Vol 1. Saunders, Elsevier Science (USA). 5. Tobias KM, 2010. <i>Manual of Small Animal Soft Tissue Surgery</i>, Willey Blackwell Publishing, Ltd., United Kingdom 6. Tobias KM and Johnston SA, 2012. <i>Veterinary Small Animal Surgery</i>, 1st ed, Elsevier Mosby Inc., Missouri, USA.

B. PLO Mapping to CO

	PLO	CO 1	CO 2
PLO 3	Having skills in practicing lege-artis medical treatment	√	√
PLO 4	Having skills in handling some diseases in large animals, small animals, poultry, exotic animals, wildlife, aquatic animals and laboratory animals		√
PLO 8	Having skills in "therapeutic transaction", doing anamnese, medical record, informed consent of medical treatment, prescription writing, doctor's certificate, and client education	√	
PLO 9	Having basic knowledge of risk analysis, veterinary economic analysis and entrepreneurships		√

PLO 10	Able to decide therapy appropriately, mastering traditional medicines, mastering animal medicine quality, mastering therapy side effects		√
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