

Modul Handbook

Modul Name	Veterinary Special Surgery (Applied surgery)
Modul Level	7 (Bachelor)
Abbreviation, if applicable	
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	7/4
Lecture in Charge	Prof. Dr. I. Komang W.S., drh.
Lecturer(s)	<ol style="list-style-type: none"> 1. Prof. Dr. I. Komang W.S., drh. 2. Dr. Boedi Setiawan, drh., MP. 3. Lianny Nangoi, drh., MS. 4. Ira Sari Y., drh., MP.
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	2 class hour lecture (100 minutes lecture) and 1 class hour practical (100 minutes practical) x 14 weeks
Workload per semester	100 minutes lecture is divided into 50 minutes face to face interaction and 50 minutes independent study; 200 minutes practical is divided into 100 minutes hands on lab work and 100 minutes tutorial.
Credit points	3/(2-1) sks
Requirements	Anatomy, Physiology, Clinical Diagnose, General Surgery
Learning goals/competencies	Students to be able to apply surgery based on the procedure in large and small animal, properly.
Content	This subject discuss steps of surgery in large and small animal including technic of diagnostic, preparation of surgery, anaesthesi, technic of surgery, and after care. Material of subject is divided based on body system : urogenetal, digestive system, integument system and muscle sceletal system.
Softskills attribute	Team work, interpersonal communication, discipline, achievement motivation, analytical thinking.

Study/exam achievements	<p>Quizzes, structured assignment, midterm exam, final exam, soft skill and practical reports.</p> <p>The mastery of the material is evaluated by a single or multiple choice, and causal test at the end of the lecture of the course materials.</p>
Forms of media	Computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	<ol style="list-style-type: none"> 1. Annis, J.R. and Allen, A.R., 1994, An Atlas of Canine Surgery 2. Knecht, C.D.; Allen, A.R.; Williams, D.J.; Johnsons, J.H., 1989. Fundamental Techniques in Veterinary Surgery. W.B. Saunders Company 3. Bojrab, M.J.; Ellison, G.W.; Slocum, B., 1998. Current Techniques in Small Animal Surgery. Fourth Edition. Lippincott Williams & Wilkins. 4. Slatter DH. 2001. Textbook of Small Animal Surgery. Vol. 1. And Vol. 2. 3rd. Saunders Theresa, W.F. 2007. Small Animal Surgery. 3rd ed. Mosby Elsevier 5. Joe, JT., Gordon JA., Andrew HK., and Julian AS., 2006. Textbook of Surgery. 3rd ed. Blackwell Publishing Ltd. 6. Theresa, W.F. 2007. Small Animal Surgery. 3rd ed. Mosby Elsevier. 7. Yudaniayanti, IS. Galijono D. Setiawan B. 2011. Bedah Digestive. Airlangga University Press. 8. Dennis R., Kirberger RM., Barr F., Wrigley RH. 2001. Small Animal Radiological Differential Diagnosis. W.B. Saunders 9. Coulson A., Lewis N. 2002. An Atlas of Interpretative Radiographic Anatomy of the Dog & Cat. Blackwell Science 10. Hall LW., Clarke KW., Trim CM. 2001 Veterinary Anaesthesia. 10 th edition. WB. Saunders 11. Auer and Stick. 2006. Equine Surgery. Saunders Elsevier. Ed. 3rd 12. Turner AS., Wayne C. 1998. Techniques in Large Animal Surgery. Lippincott Williams and Wilkins. Second edition 13. Piermattei DL., Johnson KA., 2004. An. Atlas of Surgical Approaches to the Bones and Joints of the Dog and Cat. Saunders. Ed. 4th. 14. Latorre R., Gil F., Climent S., Lopez O., Henry R., Ayala M., Ranzirez G., Martinez F., Viizquez J. 2009. COLOR ATLAS OF SURGICAL APPROACHES TO THE BONES AND JOINTS OF THE DOG AND CAT <i>Thoracic and pelvic limbs. Inter-Medica. Buenos Aires - Republica Argentina</i>
Notes	Besides mandatory references, it will also be required for

	students to read a lot of literature or supporting articles in both Indonesian and English for the purposes of discussion and clinical case simulation.
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