

Module Handbook

Modul Name	Veterinary General Surgery
Modul Level	6 (Bachelor)
Abbreviation, if applicable	KHB401
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	6/3
Module coordinator(s)	Dr.. Ira Sari Yudaniayanti, MP.
Lecturer(s)	1. Dr.. Ira Sari Yudaniayanti, MP. 2. Prof. Dr. I Komang Wiarsa Sardjana 3. Drh. Lianny Nangoi, M.Kes 4. Drh. Boedi Setiawan, MP
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	1 class hour lecture (1 x 170 minutes lecture) x 14 weeks
Workload per semester	170 minutes lecture is divided into 50 minutes face to face interaction, 50 minutes structured activities and 70 minutes independent study
Credit points	1 (~1.51 ECTS)
Requirements	Veterinary Anatomy; Veterinary Physiology
Learning goals/competencies	Students are able to identify the theoretical concepts of surgical procedures in both small animals and large animals, are able to explain the functions and methods of using surgical instruments, are able to explain the preparation procedures, carry out operations and postoperative care both in soft tissue and hard tissue surgery cases various types of drugs and anesthesia techniques used in surgical procedures and able to explain the steps for handling shock due to the surgical process.
Content	This lecture discusses surgical equipment and equipment, asepsis procedures, various anesthesia, understanding of bleeding and how to stop bleeding, types of injuries and treatments, types of threads, needles and surgical sutures, diagnosis and various types of fractures, healing process fracture, reduction of hip and dysplasia joints, various types of shock and how to handle them and body fluid therapy.

	Courses are conducted by lecturing, discussion and video playback methods.
Softskills attribute	Ethics, oral and written communication, cooperation, self-confidence.
Study/exam achievements	Final exams (33.3%), midterm exam (22.2%), assignment (16.7%) and quizzes 16.7%, soft skill (11.1%).
Forms of media	Computer, 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 CanineSurgery 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. Thurmon, J.C.; Tranquilli, W.J.; Benson G.J., 2002. Essentials of Small Animal Anesthesia and Analgesia. Lippincott Williams & Wilkins 6. Tranquilli WJ., Thurmon JC., Grimm KA. 2007.Veterinary Anesthesia and Analgesia. Fourth Edition. Blackwell Publishing. 7. Hall LW., Clarke KW., Trim CM.2001 Veterinary Anaesthesia. 10 th edition. WB. Saunders 8. Brinker,W. A., John, R. B. and Prieur, W. D., 1999. Delayed Union and Non Union.In Manual of Internal Fixation in Small Animals. Springer Verlag. New York. 9. Leighton, L.R., 2000. Small Animal Orthopedics. Mosby Year Book. Europe. LTD.London. Pp. 316-339. 10. Newton, C.D and Nunamaker, D.M., 1999. Text Book of Small Animal Orthopaedics. J.B. Lippincott Company. Philadelphia. Pp. 35-61 11. PiermatteiDl., Johnson KA., 2004. An. Atlas of Surgical Approaches to the Bones and Joints of the Dog and Cat. Saunders. Ed. 4th. 12. Latorre R., Gil F., Climent S., Lopez O., Henry R., Ayala M., Ranlirez G., Martinez F., Viizquez J. 2009. COLOR ATLAS OF SURGICAL APPROACHES TO THE BONES AND JOINTS OF THE DOG AND CAT

	<p>Thoracic and pelvic limbs. Inter-Medica. Buenos Aires - Republica Argentina</p> <p>13. Mazzaferro EM. 2010. Small Animal Emergency and Critical Care (Blackwell's Five-Minute Veterinary Consult Clinical Companion. Wiley-Blackwell</p> <p>14. Silverstein DC., Hopper K. 2009. Small Animal Critical Care Medicine. Saunders Elsevier.</p> <p>15. Rozanski EA., Rush JE. 2007. A Color Handbook of Small Animal Emergency and Critical Care Medicine. Manson-Publishing.</p> <p>16. Battaglia AM. 2001. Small Animal Emergency and Critical Care. A Manual for the Veterinary Technician. W.B. Saunders Company</p>
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