

## MODULE HANDBOOK

Course : Clinical Assistance to Small Animals Medicine  
Academic Year : 2017/2018

### A. Course Identity

Module name	Clinical Assistance to Small Animals Medicine
Module level	Co-Asistant Program
Abbreviation,ifapplicable:	KHP 501
Sub-heading,if applicable:	-
Courses included in the module, if applicable:	
Semester/term:	9/year 5
Module coordinator (s):	Dr. Drh. IrkhamWidiyono
Lecturer (s):	Prof. Dr. Sri Hartati, Prof. drh. Hastari Wuryastuty M.Sc., Ph.D., Dr. drh. Yuriadi, Dr. drh. Soedarmanto Indarjulianto, Dr. drh. Irkham Widiyono, Prof. Dr. drh. Ida Tjahajati M.P., Dr. drh. Yanuartono M.P., Dr. drh. Guntari Titik Mulyani, M.P., drh. Hary Purnamaningsih, M.P., drh. Slamet Raharjo, M.P., drh. Alfarisa Nururrozi, M.Sc.
Language:	Bahasa Indonesian
Classification within the curriculum:	Compulsory course
Teaching format/class hours peR week during the semester:	8 hours desk side teaching, practice, and focused group discussion/week for 8 weeks (one semester)
Workload:	15 hours desk side teaching, 15 hours practice, and 10 hours focused group discussion/week during 8 weeks; total 320 hours/semester 320 hours : 25 = 12,8 ECTS
Credit Points:	6
Requirements:	Bachelor in Veterinary Medicine
Learning goals/competencies:	CO1 Able to understand how to identify, determine and analyze the problems in small animals, and communicate with other partners. CO2 Able to show perform a skill to collect historical data, examine, collect samples, determine diagnoses and prognoses, and treat and nurse the patient of small animal, and determine preventive measures.
Content:	The course contents are the concept and practices of veterinary internal medicine (anamnesis, physical examinations,

	laboratory/supporting examinations, diagnosis, prognosis, clinical treatment/care and observation, therapeutical transaction, informed consent, medical ethics, biosafety, biosecurity, client education, medical administration/record, clinical management, animal welfare, scientific and public communication).																																
Study/exam achievements:	<p>Students are considered to be competent and pass if comply with 100% participation in clinical activities/services and the clinical student's tasks</p> <p>Examination score : Professional performance (motivation and initiative, discipline and team work, clinical reasoning, practical skills) 70%, final professional examination 30%.</p> <p>Final index:</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <thead> <tr> <th>Score</th> <th>Index</th> </tr> </thead> <tbody> <tr> <td>≥ 85</td> <td><b>A</b></td> </tr> <tr> <td>82 – 84.9</td> <td><b>A-</b></td> </tr> <tr> <td>78 – 81.9</td> <td><b>A/B</b></td> </tr> <tr> <td>74 – 77.9</td> <td><b>B+</b></td> </tr> <tr> <td>70 – 73.9</td> <td><b>B</b></td> </tr> <tr> <td>66 – 69.9</td> <td><b>B-</b></td> </tr> <tr> <td>62 – 65.9</td> <td><b>B/C</b></td> </tr> </tbody> </table> <table border="1" style="display: inline-table;"> <thead> <tr> <th>Score</th> <th>Index</th> </tr> </thead> <tbody> <tr> <td>58 – 61.9</td> <td><b>C+</b></td> </tr> <tr> <td>54 – 57.9</td> <td><b>C</b></td> </tr> <tr> <td>50 – 53.9</td> <td><b>D</b></td> </tr> <tr> <td>&lt; 50</td> <td><b>E</b></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Score	Index	≥ 85	<b>A</b>	82 – 84.9	<b>A-</b>	78 – 81.9	<b>A/B</b>	74 – 77.9	<b>B+</b>	70 – 73.9	<b>B</b>	66 – 69.9	<b>B-</b>	62 – 65.9	<b>B/C</b>	Score	Index	58 – 61.9	<b>C+</b>	54 – 57.9	<b>C</b>	50 – 53.9	<b>D</b>	< 50	<b>E</b>						
Score	Index																																
≥ 85	<b>A</b>																																
82 – 84.9	<b>A-</b>																																
78 – 81.9	<b>A/B</b>																																
74 – 77.9	<b>B+</b>																																
70 – 73.9	<b>B</b>																																
66 – 69.9	<b>B-</b>																																
62 – 65.9	<b>B/C</b>																																
Score	Index																																
58 – 61.9	<b>C+</b>																																
54 – 57.9	<b>C</b>																																
50 – 53.9	<b>D</b>																																
< 50	<b>E</b>																																
Literature:	<ol style="list-style-type: none"> <li>1. Adams, R . 1995. Veterinary Pharmacology and Therapeutic, 7<sup>th</sup> ed. Iowa State University Press, AMES, Iowa</li> <li>2. Aiello, S E. 1998. The Merck Veterinary Manual, 8<sup>th</sup> ed. Merck &amp;CO.Inc. Whitehouse Station,N.J., USA.</li> <li>3. Anonim. 2000. Informatorium Obat Nasional Indonesia 2000. Depkes RI, Dirjend POM</li> <li>4. Anonim. 2002. Data Obat di Indonesia (DOI) 10<sup>th</sup> ed. GrafidianMedipress</li> <li>5. Boothe, D M. 2001. Small Animal Clinical Pharm. And Therapeutic W.B. Saunders Co., USA</li> <li>6. Budiana. 2003. AnjingTrah Kecil. PenebarSwadaya, Depok</li> <li>7. Chandler, E A. 1998. Advance in Small Animal Practice Blackwell Scientific Publ. London.</li> <li>8. Dharmojo. 2001. Kapita Selektu Kedokteran Veteriner (Hewan Kecil) 1. Pustaka Populer Obor, Jakarta</li> <li>9. Ettinger, S.J. 1989. Text Book of Vet. Int. Medicine, 3th ed.. W.B. Saunders Co., USA.</li> <li>10. Johnson-Delaney, A.C. 2000. Exotic Companion Medicine Handbook for Veterinarians. Zoological Education Network, Florida</li> <li>11. Jones dkk. 1977. Veterinary Pharmacology and Therapeutics,</li> </ol>																																

	<p>4<sup>th</sup>ed</p> <p>12. Kordi. 2004. Penanggulangan Hama Dan Penyakit Ikan</p> <p>13. Lane, D.R. and Cooper, B. 2003. Veterinary Nursing 3<sup>rd</sup> ed. Buuterworth-Heinemann, London.</p> <p>14. Lewis, L.D., Morris, ML. and Hand M.S. 1992. Small Animal Clinical Nutrition III 3<sup>rd</sup>ed, Mark Morris Ass. Topeka, Kansas</p> <p>15. Nelson, R.W., and Couto, C.G. 2003. Small Animal Internal Medicine 3<sup>rd</sup> ed. Mosby, Missouri.</p> <p>16. Paterson, S. 2000. Skin Diseases of the Cat. Blackwell Scientific Publ. London</p> <p>17. Paterson, S. 1998. Skin Diseases of the Dog 4<sup>th</sup> ed. Blackwell Scientific Publ. London</p> <p>18. Raharjo, Y. Dan Nidom, C.A. 2004. Avian Influenza, Pencegahan, Pengendalian, dan Pemberantasan. PT. Gallus Indonesia Utama, Jakarta</p> <p>19. RangaTabbu. 2005. Penyakit Ayam dan Penanggulangannya, Penyakit Bakterial, Mikal, dan Viral. Vol 2. Kanisius, Yogyakarta</p> <p>20. RangaTabbu. 2005. Penyakit Ayam dan Penanggulangannya, Penyakit Asal Parasit, Noninfeksius, dan Etiologi Kompleks. Vo. 1., 2<sup>nd</sup> ed. Kanisius, Yogyakarta</p> <p>21. Ross of. 1994. Handbook of eterinary Drugs and Chem 2<sup>nd</sup> ed. Parmatox Publ. Co. Illinois, USA.</p> <p>22. Sanusi. 2004. Mengenal Anjing. Penebar Swadaya, Depok</p> <p>23. Sardjanadkk. 2004. Anestesi Veteriner</p> <p>24. Shane, S.M. 1998. Buku Pedoman Penyakit Ungggas, 1<sup>st</sup> ed. American Soybean Ass. Indonesia</p> <p>25. Sianipardkk. 2004. Merawat dan Melatih Anjing Penjaga. Agromedia Pustaka, Jakarta</p> <p>26. Soeharsono. 2005. Zoonosis 4<sup>th</sup> ed. Kanisius, Yogyakarta</p> <p>27. Susanty. 2004. Memilih Dan Merawat Kucing Kesayangan 2<sup>nd</sup> ed. Agromedia Pustaka, Jakarta</p> <p>28. Susetya. 2004. Panduan Memelihara Kucing Persia. Agromedia Pustaka, Jakarta</p>
Notes	

## B. PLO Mapping to CO

PLO	CO1	CO2
<b>PLO 2 :</b> Having insight in the field of national animal health system and veterinary legislation;	√	
<b>PLO 3 :</b> Having skills in practicing lege-artis medical treatment;		√
<b>PLO 4 :</b>		√

Having skills in handling some diseases in large animals, small animals, poultry, exotic animals, wildlife, aquatic animals and laboratory animals;		
<b>PLO 5 :</b> Having skills in doing: (a) clinical, laboratory, pathologic, and epidemiologic diagnosis of animal diseases; (b) Creating nutrition for medical health and disorder; (c) ante mortem and postmortem examination; (d) pregnancy examination, handling of reproduction disorder and application of reproduction technology; (f) supervision and control of animal medicine quality and biological ingredients, including the usage and distribution; (g) assessment and supervision of animal welfare		√
<b>PLO 6 :</b> Well-communicate, able to cooperate in team;	√	
<b>PLO 7 :</b> Having skills in control and prevention management of strategic and zoonotic diseases, biosecurity-biosafety, also environment control;		√
<b>PLO 8</b> Having skills in "therapeutic transaction", doing anamnese, medical record, informed consent of medical treatment, prescription writing, doctor's certificate, and client education;	√	√
<b>PLO 9</b> Having basic knowledge of risk analysis, veterinary economic analysis and entrepreneurship.		√
<b>PLO 10</b> Able to decide therapy appropriately, mastering traditional medicines, mastering animal medicine quality, mastering therapy side effects;	√	√
<b>PLO 13</b> Able to make research proposal, able to compile seminar materials, delivering in form of presentation and poster, writing according to rules of scientific journals;		√
<b>PLO 15</b> Able to do research, handling biological safety of animal diseases, and environment control;		√
<b>PLO 16</b> Mastering leadership management aspect and doing it well;	√	
<b>PLO 18</b> Having skills in handling some diseases of wildlife, exotic animals and management at the zoo.		√