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| Course Title | Advanced Seminar in Veterinary Clinics ［Small Animals II］ |
| Type | Exercise, Elective | Number of credits | 1 | Hours | - |
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| 　Course Title　　　　　　　 | Companion Animal Surgery I |
| Course Instructor | Masahiro OKUMURA, Ryosuke ECHIGO, Takaharu ITAMI, Tomohito ISHIZUKA |
| Course Overview:Through communication with owners and clinical activities at the Veterinary Teaching Hospital, students cultivate problem-solving abilities required for caring for companion animals especially with orthopedic and neurological diseases. |
| Course Goals:1. To be able to conduct a medical interview with an owner
2. To be able to make a differential diagnosis based on examination findings
3. To be able to design a treatment plan and evaluate therapeutic effectiveness
4. To be able to make decision to choose appropriate surgical procedures to respective pathological conditions and to estimate possible prognostic situations
5. To be able to plan entire course of pain management and peri-operational anesthesia for surgical interventions for respective cases
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|  For companion animals with orthopedic and neurological disorders, students learn highly sophisticated knowledge and skills in making diagnostic schemes, treatment plans including surgical or non-surgical interventions and anesthesia, and evaluating therapeutic effectiveness through at least one week clinical activities. |
| Remarks:Maximum of 5 students |

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| 　Course Title　　　　　　　 | Companion Animal Surgery II |
| Course Instructor | Kenji HOSOYA, Satoshi TAKAGI, Yuki HOSHINO, Takaharu ITAMI, Tomohito ISHIZUKA |
| Course Overview:Through communication with owners and clinical activities at the Veterinary Teaching Hospital, students cultivate problem-solving abilities required for caring for companion animals especially with surgical disorders in soft tissues. |
| Course Goals:1. To be able to conduct a medical interview with an owner
2. To be able to make a differential diagnosis based on examination findings
3. To be able to design a treatment plan and evaluate therapeutic effectiveness
4. To be able to make decision to choose appropriate surgical procedures to respective pathological conditions and to estimate possible prognostic situations
5. To be able to plan entire course of pain management and peri-operational anesthesia for surgical interventions for respective cases
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| For companion animals with pathologies in soft tissues, students learn highly sophisticated knowledge and skills in making diagnostic schemes, treatment plans including surgical or non-surgical interventions and anesthesia, and evaluating therapeutic effectiveness through at least one week clinical activities. |
| Remarks:　Maximum of 5 students |

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| Course Title | Companion Animal Oncology |
| Course Instructor | Kenji HOSOYA, Satoshi TAKAGI, Yuki HOSHINO, Takaharu ITAMI,Tomohito ISHIZUKA |
| Course Overview:Through communication with owners and clinical activities at the Veterinary Teaching Hospital, students cultivate problem-solving abilities required for caring for companion animals especially with tumorous diseases. |
| Course Goals:1. To be able to conduct a medical interview with an owner
2. To be able to make a differential diagnosis based on examination findings
3. To be able to design a treatment plan and evaluate therapeutic effectiveness
4. To be able to make decision to choose appropriate surgical procedures to respective pathological conditions and to estimate possible prognostic situations
5. To be able to plan entire course of pain management and peri-operational anesthesia for surgical interventions for respective cases
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| For companion animals with pathologies in oncology, students learn highly sophisticated knowledge and skills in making diagnostic schemes, treatment plans including chemotherapy, radiotherapy and surgical resection, including pain management and anesthesia, and evaluating therapeutic effectiveness through at least one week clinical activities. |
| Remarks:　　Maximum of 5 students |