**EQUINE MEDICINE 1 PRACTICALS**

**2019/2020, Semester 2, Year 3**

**Venue: Department and Clinic of Equine Medicine, Üllő, Dóra major**

Clinical day: Thursday

A: groups 1-2-3-4

B: groups 5-6-7-8

Duration of internal medicine (INT.) practical sessions is 3x45 minutes. Duration of surgery (SURG.) practical sessions is shown below. Starting time: groups 1-2 and 5-6: 8:15 AM; groups 3-4 and 7-8: 11:45 AM when surgery practicals last for 4x45 minutes, and 12:30 PM when surgery practicals last for 5x45 minutes.

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|  | **Topic** | **Group/Date** | **Lecturer** |
| **Pract. No. 1****INT.** | Infectious disease control and prevention. Handling and restraining horses. Safety regulations. The signalment. Determining vital signs. Examination of the skin, lymph nodes and mucous membranes. | A: 20 February | Bakos-Mikó |
| B:13 February | Bakos-Mikó |
| **Pract. No. 1****SURG.** | Radiology I. (4 hrs, performing radiological examination in horses: limbs, head, neck, spine) | A: 20 February | Izing-Tóth |
| B:13 February | Izing-Tóth |
| **Pract. No. 2****INT.** | Examination of the nose, and the paranasal sinuses. Examination of the guttural pouch. Inducing cough in horses. Examination of the larynx and the trachea. Auscultation of the thorax. Percussion of the thorax, determination of the caudal lung border. Demonstration of resting respiratory endoscopy, dynamic (overground) endoscopy and thoracic ultrasonography. | A: 5 March | Mikó-Kelemen |
| B: 27 February | Mikó-Kelemen |
| **Pract. No. 2****SURG.** | Radiology II. (5 hrs, interpretation of radiological findings) | A: 5 March | Izing-Tóth |
| B: 27 February | Izing-Tóth |
| **Pract. No. 3****INT.** | Examination of the cardiovascular system. Demonstration of electrocardiography, interpretation of electrocardiograms. Demonstration of echocardiography in the horse. | A: 19 March | Mikó-Kelemen |
| B: 12 March | Bakos-Kelemen |
| **Pract. No. 3****SURG.** | Orthopedic ultrasound examinations, surgical case presentations (5 hrs) | A: 19 March | Bodó-Izing |
| B: 12 March | Bodó-Izing |
| **Pract. No. 4****INT.** | Examination of the gastrointestinal system. Rectal examination. Demonstration of gastroscopy and abdominal ultrasonography. | A: 2 April | Kelemen-Mikó |
| B: 26 March | Kelemen-Bakos |
| **Pract. No. 4****SURG.** | Examination of traumatised patient, wound management and bandaging (4 hrs) | A: 2 April | Tuska-Béni |
| B: 26 March | Tuska-Béni |
| **Pract. No. 5****INT.** | Examination of the urinary and genital tract. Demonstration of transrectal ultrasonography. Examination of the nervous system. Clinical examination of patients. | A: 23 April | Kelemen-Bakos |
| B:16 April | Mikó-Bakos |
| **Pract. No. 5****SURG.** | Wound closure and suture technics on cadavers (5 hrs) | A: 23 April | Makra-Tóth |
| B:16 April | Makra-Tóth |
| **Pract. No. 6****INT.** | Laboratory tests in equine medicine. | A: 7 May | Stirminszki-Bakos |
| B:30 April | Stirminszki-Bakos |
| **Pract. No. 6****SURG.** | Anaesthetic machines and breathing systems, general anaesthesia in horses (4 hrs) | A: 7 May | Makra-Bódai |
| B:30 April | Makra-Bódai |

Each practical starts with a short, written test about the actual practical material. Students should wear a lab coat during the practicals. A thermometer and a stethoscope from the first session, and a pleximeter and a percussion hammer from the second session are required for each student.

Attendance is obligatory; only one practical can be missed, otherwise the semester will not be accepted. Missed practicals cannot be made up because of the nature of the practicals. The group cannot be changed.