

UNIVERSITY OF NOVI SAD
FACULTY OF AGRICULTURE
DEPARTMENT OF VETERINARY MEDICINE

DVM Jovan Spasojević, research assistant

EDUVET - Tempus project - REPORT

In period from 01. till 08. March 2015, I made an official visit to the University of Veterinary Medicine in Vienna, Clinic for ruminants (hereinafter: Clinic). The aim of my visit was professional practice and professional training in the field of surgery in ruminants. During the visit I had opportunity to actively participate in the work of the Clinic, and to see the practical work of students within the Clinic.

Clinic for ruminants functions as part of the teaching and research infrastructure of the University of Veterinary Medicine and cooperate with other units of the University (Figure 1.).

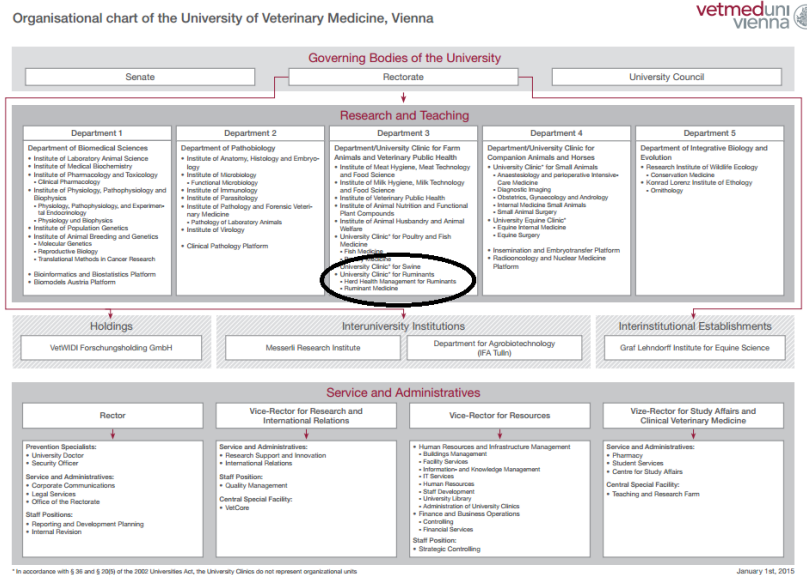


Figure 1.: The organizational structure chart of the University of Veterinary Medicine

At the Clinic is hired a total of 40 employees. 22 employees work as teachers and work with students, while the remaining number of employees are hired in other activities (administration, maintenance facilities, feeding and caring for animals etc.).

The flow of patients at the clinic is about 750 per year. Most of patients is cattle, then sheep, goats, llamas and alpacas. Patients are transported to the Clinic with the truck that is

owned by the University. Coverage of the terrain or areas from which one patients are brought to the Clinic, is 250 km in diameter (Figure 2.).

Clinic owns cattle farm, which is located outside of the University. There are four barns within the Clinic. Healthy cattle is located in one barn, and that cattle is used for the purpose of students education. The remaining three stables are infirmaries for patients.



Figure 2.: Arrival of patient at the Clinic

Working time of the Clinic is 24/7. Every working day, and on weekends, the Clinic is attended by a veterinarian on duty. In addition to the veterinarian on duty, during the night (from 20.00h to 08.00h), there is also one student who works with veterinarian.

Student participation in the Clinic depends on which semester they attend. Starting from the VII semester, by obtaining clinical courses, students are given the opportunity of active participation in the work of the Clinic. Classes are carried out as a theoretical and practical classes. Much of the classes are conducted as practical classes, where students together with their teachers actively participate in the work with patients (receiving patients, clinical diagnostics, therapy patients, patient care, etc.).

In IX, X and XI of the semester, students practical training is organized on the principle of clinical rotations, when students actively work with animals (Figure 3.). After the arrival of each new patient, few procedures are conducted: access to the collection of anamnestic data, the general clinical examination of the animals, blood, feces and milk (females) samples are taken, and sent for laboratory analysis and sets the presumptive diagnosis. All data obtained from the previously described methods are entered in the patient's chart. There have been carried and computer data archiving.



Figure 3.: Work with patients

Every morning, by staff at the Clinic (teachers) and students, visit all patients is performed. In doing rounds, briefing of the health status of each patient is performed. After they complete they rounds, they do treatments. Therapy is conducted based on previously, for each individual, established therapeutic protocols. If there is some euthanasia or death of the patient happened, students are present during autopsy. This allows them to linki visible pathomorphological changes with the clinical manifestation of diseases of previously dead or euthanized animals.

The Clinic is equipped with modern equipment necessary for carrying out of special methods of clinical diagnostics (portable X-ray, ultrasound, endoscope, a multifunctional laboratory apparatus) (Figure 4.). Within the Clinic are two surgery rooms. If it is necessary, certain therapeutic procedures can be performed in the stables, because the Clinic has for this purpose a specially modified transport vehicles with mounted operating tables (tables for fixation) for large ruminants.



Figure 4.: Endoscopic examination of the esophagus of alpaca

As additional evidence of my stay and work at the Clinic for Ruminants, University of Veterinary Medicine in Vienna, I enclose the certificate obtained from the Head of the Clinic for Ruminants, prof. dr. Thomas Wittek (Appendix 1.).

Appendix 1.: Confirmation of completed practice and professional development



Department for Farm Animals
and Veterinary Public Health,
Clinic for Ruminants

Vienna, 9.03.2015

CERTIFICATE

Dr. JOVAN SPASOJEVIC, Research assistant from the University of Novi Sad, Faculty of Agriculture, Department of Veterinary Medicine, Serbia

has successfully completed a study visit (Short internship) from March 1, 2015 to March 9, 2015 at the University Clinic for Ruminants at the University of Veterinary Medicine Vienna, A-1210 Vienna, Austria.

During this period Dr. Spasojevic actively participated in all clinical activities (e.g. physical clinical examination, lameness examination in cattle and small ruminants, ultrasonography of the abdominal organs, heart and lung, teat, musculoskeletal system, radiography of the musculoskeletal system and endoscopic examinations). Furthermore Dr. Spasojevic contributed to the medical treatment of hospital patients and assisted at various surgical procedures such as laparotomy for abomasal displacement, abomasal volvulus, and surgery of the teat wounds. In addition, Dr. Spasojevic was the surgical assistant in several orthopedic surgeries together with Prof. J. Kofler such as resection of the distal sesamoidal bone and joint lavage of the distal interphalangeal joint and in repeated joint lavage in a case of septic arthritis of the carpal joint.

During his stay at the clinic period Moreover, Dr. Spasojevic worked with the colleagues during after hour duty and joined the daily clinical rounds supervised by the head of the clinic, Prof. Thomas Wittek. Dr. Spasojevic was very enthusiastic during his study visit at our clinic, we enjoyed working with him.

A handwritten signature in blue ink, appearing to be "T. Wittek", on a light yellow background.

Prof. Dr. Thomas Wittek, DECBHM
Head of the Clinic for Ruminants
University of Veterinary Medicine Vienna

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