

## **Clinical rotation in horses/ruminants/bovine/small animals**

### **COORDINATOR:**

Prof. dr. Katrien Vanderperren  
Department of Veterinary medical imaging and small animal orthopaedics

### **PROGRAM:**

Depending on the period (1st or 2nd semester), some variation in the program is possible!

### **EQUINE (5 weeks):**

#### **Clinical rotations:**

Autumn semester

Spring semester

Internal medicine: 2 weeks Surgery  
and orthopaedics: 1 week  
hospitalization and 1 week lameness  
Medical imaging: 1 week

Internal medicine: 1 week  
Surgery and orthopaedics: 1 week  
hospitalization and 1 week surgery  
Medical imaging: 1 week Reproduction: 1  
week

#### **A specific programme of practical exercises will be provided. This may include:**

- Endoscopy
- Abdominal ultrasonography
- Hygiene and suturing techniques
- Perineural blocks of the distal limb
- Hoof trimming
- Intestinal resection
- Sperm collection and analysis
- Anesthesia
- Radiology
- Ultrasonography of the distal limbs

#### **Case discussions**

Weekly on the departments of Surgery and Orthopaedics, Internal medicine and Medical Imaging.

### **BOVINE (3 weeks):**

#### **Clinical training (clinics)**

Internal Medicine: 1 week  
Ambulatory and Herd Health clinic: 2 weeks

#### **A specific programme of practical exercises will be provided. This may include:**

- Ultrasound and the use of advanced diagnostic techniques.
- Interpretation of blood analyses.
- Practical training of current surgery in the field (e.g. caesarean section).
- Claw trimming and treatment of claw lesions.
- Reproduction and herd health:
- Practical training ultrasonography.
- Practical training pregnancy diagnosis.
- Interpretation of milk production and herd health data.

### **Case discussions**

- At the end of each clinical training week the student prepares and presents a clinical case that he/she did the follow-up of during the week
- Discussion of clinical cases in group in collaboration with the vets working in the clinics and the non-clinical departments
- Participation in some practically oriented courses concerning herd health

### **SMALL ANIMAL (5 weeks):**

The student should choose 5 weeks between the following disciplines:

Necropsy: Mon-Fri  
Clinic exotic animals: Mon-Fri  
Anaesthesiology: Mon-Fri  
Cardiology: Mon-Fri  
Combi: Mon-Fri (Mon nutrition, Tue endocrinology, Wed oncology, Thu stomatology, Fri nutrition)  
Dermatology: Mon-Fri  
Hospi daytime: Mon-Sun (8-17h)  
Internal Medicine: Mon-Fri  
Medical Imaging: Mon-Fri  
Neurology: Mon-Fri  
Orthopedics-physio: Mon-Fri  
Fertility-ophtalmology: Mon-Wed + Fri : fertility, Thu ophtalmology  
Soft tissue surgery: Mon-Fri  
Exotics (birds, small mammals, reptiles and fish): Mon-Fri

### **A specific program of practical exercises may be provided. This may include:**

- Surgery
- Practical training suture techniques
- Practical training gastro intestinal surgery
- Practical training urogenital surgery
- Ovari(ohyster)ectomies / castration of feral cats
- Practical training splints and casts

### **Case discussions**

At the end of one of the clinical training weeks the student may be asked to prepare and present a clinical case (together with 2 or 3 other students).

Between 8 and 9 am during the clinical training week 'medical imaging', case discussions may take place.