Clinical training in medical imaging of small animals (G000666)

Course Specifications
Valid as from the academic year 2015-2016

Course size
Credits 9.0
Study time 270 h
Contact hrs 200.0 h

Course offerings and teaching methods in academic year 2019-2020
A (year) Dutch clinic 180.0 h
practicum 20.0 h

Lecturers in academic year 2019-2020
Saunders, Jimmy DI11 lecturer-in-charge
Gielen, Ingrid DI11 co-lecturer
Peremans, Kathelijne DI11 co-lecturer
Vanderperren, Katrien DI11 co-lecturer

Offered in the following programmes in 2019-2020 crdts offering
Master of Veterinary Medicine in Veterinary Medicine (main subject
Research) 9 A

Teaching languages
Dutch, English

Keywords
medical imaging - dog - cat - exotics

Position of the course
This part of the course is meant to train the student in the different imaging modalities (in view of future clinical exams using these techniques) and in the handling of different cases. The course is focused on the specific characteristics of the different species. This course pre-requires a thorough knowledge of the different imaging modalities, of anatomy and physiology and also of the most common afflictions of dogs, cats and horses.

Contents
This part of the course is about the management of clinical cases, from choice of imaging modality to diagnosis. This includes:
• functioning and indications per imaging modality
• how to make photos
• discussion of clinical cases of small and large animals

Initial competences
Thorough knowledge of the anatomy of the dog and cat. Thorough knowledge of animal physiology.
Subscribing for this course is only possible after obtaining a bachelor degree in veterinary medicine or when enrolled in a GIT trajectory in veterinary medicine between the third bachelor and first master year.
For students who are not currently enrolled in the UGent veterinary medicine studies is subscription for this course only possible if they comply with the majority of final competencies of the bachelor in veterinary medicine degree and after approval of the curriculum commission.

Final competences
Knowledge of imaging modalities, insights in most common clinical problems and the practical application of this knowledge.

Conditions for credit contract

(Approved)
Access to this course unit via a credit contract is determined after successful competences assessment.

Conditions for exam contract
- This course unit cannot be taken via an exam contract.

Teaching methods
- Clinic, practicum

Extra information on the teaching methods
- Five weeks small animal clinic; two weeks equine clinic; 1 week mixed clinic.

Learning materials and price
- The study material consists of clinical cases. During the clinic hours supervisors will regularly refer to manuals, articles, electronic databases as support.

References

Course content-related study coaching
- During clinic hours, the students will be supervised by assistants and specialists in medical imaging. Each day clinical cases will

Evaluation methods
- continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Examination methods in case of periodic evaluation during the second examination period

Examination methods in case of permanent evaluation
- Oral examination, participation, job performance assessment

Possibilities of retake in case of permanent evaluation
- Examination during the second examination period is not possible.

Extra information on the examination methods
- Participation, discussion of clinical cases.
- Continuous evaluation: evaluation of the student’s motivation during clinic hours, practical sessions and discussion of clinical cases. Participation and attendance are mandatory. Not attending clinics and practical sessions can lead to failing the course.

Calculation of the examination mark
- Endscore based on clinical evaluation.

(Approved)