



Teach Mob – Visiting Professors Academic year 2017/2018

2 nd Term
COURSE TITLE Veterinary Anaesthesiology and Operative Techniques
Scientific area VET09
Department of Veterinary Sciences
Language used to teach ITALIAN
Teaching Commitment: 48 hours (21 frontal lessons, 27 practical and theoretical sessions)
Course summary Basic pharmacology of the most relevant classes of anaesthetic agents used in veterinary medicine. Basic anaesthetic techniques for both small and large animal species, including injectable, inhalational, and loco-regional anaesthesia. Concept of balanced anaesthesia, peri-operative pain assessment and treatment, and pre-emptive analgesia. Evaluation of the anaesthetic depth through both clinical and instrumental monitoring. Diagnosis and treatment of most common peri-anaesthetic complications. Practical theoretical classrooms on: anaesthetic monitoring and equipment; intubation technique in conventional and non-conventional animal species (rabbits and small rodents); interactive clinical cases discussion.
Learning objectives The students should get familiar with the most relevant classes of anaesthetic agents used in veterinary medicine, with particular focus on mechanism of action, clinical use and potential side effects. The course should enable the students to assign the correct ASA classification grade to the patient, and to select the most appropriate anaesthetic and analgesic techniques based on the animal species, the clinical status of the patient and the clinical procedure to be performed.
Tutorship activities The tutoring service assists students throughout their course of studies through reception, assistance to the study, advice on study and on training and support in finding information about mobility, about scholarships in Italy and abroad, and specific education opportunities (grants, cooperative agreements, etc.)
Lab activities This session implies a plenary classrooms interactive discussion on clinical cases. Students are required to participate actively to the discussion by assigning an ASA risk category to the patients, and by proposing a suitable anaesthetic protocol, including peri-operative analgesia, for each proposed clinical scenario. For each identified anticipated complication, the students should propose a treatment.

Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences

YES, to be agreed

Visiting Professor Profile

The Visiting Professor must have a DVM degree, and a consolidated postdoctoral research and teaching experience in veterinary anaesthesia. A Diploma of either the European or the American Boards of Veterinary Anaesthesia and Analgesia is desirable.

The curriculum shall demonstrate a strong research background in the field of Veterinary Anaesthesia, as well as a teaching experience of at least 6 years at an academic institution (Faculty/School of Veterinary Medicine) in Veterinary Anaesthesiology.

Language skills shall include good spoken and written Italian and English languages.

Contact person at the Department

Prof. Paolo Buracco - paolo.buracco@unito.it

bruno.peirone@unito.it, 011 6709161

alessandra.rota@unito.it, 011 6708950