



UNIVERSITÀ DEGLI STUDI DI TORINO

Provider: Università degli Studi di Torino - (ID 173)

PRINCIPLES OF SMALL ANIMAL ANESTHESIA & PERIOPERATIVE ANALGESIA

(Principi di anestesia ed analgesia perioperatoria nei piccoli animali)

A Certificate Course in 4 Modules

Module 1: May 8-10, 2014

Module 2: May 29-31, 2014

Module 3: June 26-28, 2014

Module 4: September 18-21, 2014

Course Director: Prof. Dr. Bernd Driessen DECVPT, DACVAA (USA)

Co-Lecturers: Dr. Chiara Adami, DACVAA, DECVAA (CH); Dr. Tamas Ambrisko DACVAA, DECVAA (AU), Dr. Francesco Aprea, DECVAA (ES); Dr. Stefano DiConcetto, DACVAA (USA)

OVERVIEW

The 2014 course program is designed for veterinarians who wish to focus on anesthesia and pain care in small animal practice. This course provides the candidates with a comprehensive understanding of the state of the art of small animal anesthesia and analgesia and may serve as foundation for future advanced anesthesia and analgesia courses. Clinical case presentations will illustrate the immediate relevance of basic concepts in daily practice of anesthesia and repetitive brief summaries of preceding course hours in question/answer format will help enhancing the gain in knowledge. Furthermore, detailed presentation of disease-, age-, and species-specific aspects of anesthesia and perioperative pain management will demonstrate how to implement common concepts of anesthesiology and analgesia into clinical practice.

The course is E.C.M. approved. *Completion of Principles of Small Animal Anesthesia & Perioperative Analgesia Course* certificates will be presented to those participants who successfully passed the 4 MCQ tests with a cumulative score of at least 75% of correct answers.

At the end of the course participant will:

- Know the clinical pharmacology of a broad spectrum of sedatives, anesthetics and analgesics
- Be familiar with the functioning of modern anesthetic machinery and monitoring equipment as well as the different techniques of administering safe anesthesia and analgesia
- Be able to prescribe appropriate anesthetic and analgesic protocols for animals with a wide variety of clinical conditions and for a wide variety of surgical and diagnostic interventions
- Know the clinical pharmacology of paralytic agents and how to induce, monitor, and reverse a neuromuscular blockade
- Be able to assess the hemodynamic, respiratory, and other vital organ functions in the perianesthetic period

- Be able to prescribe interventions necessary to maintain adequate cardiovascular, respiratory, and other vital organ function
- Be able to assess the fluid, electrolyte, and acid-base status of an animal and correct abnormalities, when necessary
- Recognize and treat the most common perianesthetic emergencies
- Have a thorough knowledge of a cardiopulmonary resuscitation protocol used in anesthesia
- Be familiar with the principles and techniques of multimodal and loco-regional anesthesia & analgesia

The course is divided into classical lectures, interactive case discussions in small groups, and demonstrations.

TOPICS

- Criteria determining the choice of premedication drugs in small animals with various clinical conditions
- Criteria determining the choice of anesthetic drugs in small animals with various clinical conditions
- Applied pharmacokinetics of injectable versus inhalant anesthetics
- Total intravenous versus partial intravenous versus inhalant anesthesia techniques
- Anesthesia machine, anesthesia circuits, vaporizers & related equipment
- Assessment of cardiovascular function under anesthesia and stabilization of the animal with abnormal cardiac rhythm and/or hemodynamic dysfunction
- Assessment of respiratory function
- Cardiopulmonary resuscitation
- Treatment of respiratory dysfunctions including various techniques of mechanical ventilation
- Diagnosis and treatment of an abnormal blood volume and component, acid-base and electrolyte status during anesthesia
- Basic concepts and techniques of multimodal analgesia

NUMBER OF COURSE ATTENDEES

- 15-40

LOCATION

- Università degli Studi di Torino - Scuola di Agraria e Medicina Veterinaria -
Dipartimento di Scienze Veterinarie - Aula Monti - Via Leonardo da Vinci, 44 - Grugliasco (TO),
ITALY

CONTINUED EDUCATION CREDITS

- 50 E.C.M. credits

TUITION FEE

- **EURO 2.300,-. Early registration EURO 2.200,-.** Payment of EURO 300,- at time of registration followed by 4 installments of EURO 500,- no later than 2 weeks prior to the beginning of each module is an alternative option. Fees are to be paid by bank transfer to: "Scuola di Medicina di

Torino”: IBAN code: IT63L0306909217100000460217, Reason for payment: “Iscrizione corso ECM Principi di anestesia”.

A copy of the bank transfer receipt must be sent by fax to +39-0112361061 or email to eventiecm.dam @ unito.it; the registration will be confirmed only upon receipt of payment.

Attendees are advised that in order to receive continued education points (ECM points) and to obtain later on the certificate for successful completion of the course,

- they have to attend all course hours in all 4 modules (100% of total hours).
- they have to have completely filled in the forms given to them at the beginning of the course.
- they have to have passed the MCQ tests with a cumulative score of at least 75% of correct answers.

REGISTRATION

- **Go to the following web site for registration:**

<https://www.dam.unito.it/eventiecm/?event=principles-of-small-animal-anesthesia-perioperative-analgesia>

DEADLINE FOR FULL EARLY REGISTRATION

- 6 April 2014

CONTACT

- For organizational questions and payments:

Informations: Dott. Valentino QUARTA - eventiecm.dam@unito.it 011/670.9549

PROVIDER - Università di Torino - Provider ID 173 Servizio Formazione ECM - Settore Accredimento e Qualità

ecm@unito.it

011/670.5315 (Sig.ra Teresa CRISTIANO)

011/670.5314 (Dott.ssa Chiara CORDERO)

- For educational program questions:

Prof.ssa Laura Zarucco

Dipartimento di Scienze Veterinarie

Scuola di Agraria e Medicina Veterinaria

Università degli Studi di Torino

Via Leonardo da Vinci 44
10095 Grugliasco (TO)
Italy
tel: +39-011-670-8849
e-mail: laura.zarucco@unito.it

Prof. Bernd Driessen
School of Veterinary Medicine
University of Pennsylvania
tel: +39-346-579-4772
e-mail: driessen@vet.upenn.edu