



Organizzato da: **BMC**  
BYBLIS MEDICAL CONFERENCE

**UNISVET**  
UNIONE ITALIANA SOCIETÀ VETERINARIE

# UNISVET 2-YEAR POST-GRADUATE TRAINING PROGRAM IN COMPANION ANIMAL INTERNAL MEDICINE

MILAN, ITALY

**CO-DIRECTORS:**

**Dr. Carolina Callegari**

DVM, Dipl. ECVIM-CA (Internal Medicine)

**Dr. Chiara Leo**

DVM, MSc, FHEA, Dipl. ACVIM (Oncology), Dipl. ECVIM-CA (Oncology)

**Dr. Federico Porporato**

DVM, MRCVS, Dipl. ECVIM-CA (Internal Medicine)





## About VETCEE

The VetCEE was established in September 2014. Founding members of VetCEE is the European Association of Establishments of Veterinary Education (EAEVE), the European Board of Veterinary Specialisation (EBVS), the Federation of Veterinarians of Europe (FVE) and the Union of European Veterinary Practitioners (UEVP).

VetCEE proposes a Standard with general requirements for middle-tier level veterinary programmes (post-graduate programmes between graduate and specialist level). The Standard is complemented by six - so far - Dossiers of Competences in different fields of veterinary medicine.



**VetCEE is an independent organisation with international statutes.**

VetCEE was established in 2014 with the aim to facilitate recognition of post-graduate qualifications of veterinarians received through continuous professional development. It provides the base for facilitating recognition of those qualifications across Europe to enhance mobility of the veterinary profession within EU and beyond.

VetCEE mission is:

- to establish and harmonise minimum standards for postgraduate professional development programmes designed for veterinarians. These programmes could be species and/or discipline specific;
- To evaluate and approve new and existing programmes according to the established standards;

- to promote mutual recognition for postgraduate professional development programmes in the different areas of the veterinary profession throughout Europe.

Further information: <https://vetcee.fve.org/>

# Modules

**PRE-MASTER DAY**  
PRESENTATION OF THE UNISVET 2-YEAR POST  
GRADUATE TRAINING PROGRAM

**MODULE 1**  
CLINICAL MANAGEMENT AND COMMUNICATION +  
NEUROLOGY SESSION

**MODULE 2**  
URINARY

**MODULE 3**  
HAEMATOLOGY/ IMMUNOLOGY

**MODULE 4**  
ENDOCRINOLOGY, REPRODUCTION AND  
NEONATOLOGY

**MODULE 5**  
GASTROENTEROLOGY

**MODULE 6**  
RESPIRATORY SYSTEM

**MODULE 7**  
CARDIOLOGY + PRACTICAL SESSIONS

**LANGUAGE: ENGLISH**





# INTRODUCTION

Univet is proud to present the first VETCEE approved programme in companion animal internal medicine in Italy!

ECTS: 30  
EQF: 7



The quality of this programme is recognized across Europe.

## AIMS AND OBJECTIVES

The aim of this 2-year course is to offer to veterinary practitioners a **high level postgraduate program** in small animal internal medicine, that could help veterinarians in shaping their knowledge and successfully applying it in practice, in order to provide the best care to their patients.

## QUANTITY OF EDUCATION

The UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine consists in **30 ECTS** (European Credit Transfer System) units of learning, distributed between **direct teaching, practical teaching, self-directed learning, case logs and assignments** for a total amount of 750 hours.

## LEVEL

The UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine is meant to fill a gap between the graduation and the Colleges specialists' level and it is meant to be **classified as EQF Level 7 by VetCee** (higher than graduation level but lower than European Diplomate Specialist Boards) as from the standards and dossier of competences created by the VetCEE Board, which includes knowledge, skills and competences as such defined:

### Knowledge

- **Understand** and apply a scientific and problem-based approach to the companion animal internal medicine patient.
- **Demonstrate** a thorough understanding of the differential lists for main medical conditions.
- **Identify** the correct diagnostic decisions that will lead to the correct diagnosis
- **Be able to search and understand** the most appropriate evidence-based scientific literature regarding a specific condition.
- **Reflect and propose** the most adequate diagnostic/staging algorithm applicable to the patient once a diagnosis is reached.
- **Demonstrate knowledge** regarding the most recent and evidence-based therapies related to a specific condition.

### Skills

- Be able to assess **complex internal medicine patients** using a problembased approach.
- List the **most probable differential diagnosis**, plan an **adequate diagnostic algorithm** and **therapeutical plan** for complex internal medicine cases.
- Feel confident in interpreting **laboratory results** and **main imaging tests**
- Be able to **auscultate a patient**, interpret an **ECG**
- Be able to perform a **neurological and ophthalmologic exam**
- Be able to obtain adequate **cytological samples** and be able to distinguish between the main conditions (inflammation vs cancer)
- Understand and offer an **appropriate staging plan** for cancer patient, demonstrate basic knowledge of main cancer types
- Apply original and critical thinking regarding the **scientific literature**





## **Competences**

- Demonstrate **independent learning** ability required for continuing professional development in a manner that may be largely self- directed or autonomous.
- Demonstrate **self-direction** and originality in tackling and solving problems and act autonomously in planning and implementing tasks in the relevant professional area of work.
- **Perform independently** and accept responsibility at a professional level.

## **SCOPE**

The UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine is intended to equip candidates with the general key skills that are required for an experienced companion animal practitioner who may be in sole charge of delivering high quality first opinion veterinary care. Those skills will include both management of cases within the first opinion practice, and during and after referral where specialists' input is indicated. Basic anesthesia emergency, imaging, electrophysiology, cytology knowledge will be provided before moving forward to a deeper learning of general diagnostic principles and clinical problem solving skills applied to small animal internal medicine.

At the end of the course the candidate should be familiar with the diagnosis and treatment of the **most commonly encountered diseases** seen in first opinion practice.

## MODULARISATION

The UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine will be divided in 6 core modules divided as shown below:

<b>Core Module 1</b>	Professional key skills	
<b>Core Module 2</b>	Clinical management and communications	
<b>Core Module 3</b>	Analgesia and anesthesia	
<b>Core Module 4</b>	Emergency and supportive care	
<b>Core Module 5</b>	Diagnostic imaging/ electrophysiology	
<b>Core Module 6</b>	Medicine: knowledge, decision making and skills applied to:	<ul style="list-style-type: none"><li>Cardiology</li><li>Dermatology</li><li>Hematology-Immunology</li><li>Endocrinology, reproduction and neonatology</li><li>Gastroenterology</li><li>Infectious diseases</li><li>Neurology</li><li>Nutrition</li><li>Oncology</li><li>Ophthalmology</li><li>Respiratory system</li><li>Urinary system</li></ul>

## **ENROLLMENT IN PROGRAMS PRE-REQUISITES**

Candidates for the UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine should be **familiar with the basic principles of internal medicine** and should be practicing in small animal medicine for at least **2 years after graduation**. A **motivational letter and curriculum vitae** will be required. Moreover, a **preliminary online nominal test** will be carried out for candidates for participating to the Post Graduate Training Program consisting in **20 multiple choice questions (MCQ)**: a minimum of 60% of correct answers will be necessary for accessing the course within a given time. In case the number of candidates will exceed the course capacity, a rank of candidates with the higher scores will be selected.

## **ATTENDANCE**

A minimum mandatory attendance of 75% of the direct teaching (frontal lessons and practical teaching) will be required as well as 80% of the indirect teaching (self-directed learning, case logs and assignments) in order to obtain the UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine certificate.

## **ASSESSMENT**

Throughout the UNISVET 2-year Post Graduate Training Program in Companion Animal Internal Medicine course, the students are responsible for keeping and completing training records which the Master directors will check every 12 months.

The practical training records consist in keeping logs of the cases that the participants have independently managed in their practices. The log should include **AT LEAST 1 case** per each core module.

The training records should demonstrate the ability that the student has acquired during the master course of recognizing a specific disease, suggesting and performing the correct tests for diagnosing it, suggesting the relevant therapy for the patient and writing a consistent and appropriate report of the case.







The case log will include, at the end of the course, of a total of at least 8 cases. The course directors will correct the case log of each module and a score will be given. The score and comments will be communicated to the participants at the end of the teaching year.

A minimum score of 25 will be considered sufficient for demonstrating to have acquired the necessary skills for successfully managing an internal medicine patient.

### **PARTICIPANTS' ASSESSMENT**

Different types of evaluations will be prepared to assess student's progress and learning.

#### **• Direct teaching (frontal and web lectures)**

Inter-module **multiple choice questions tests** will be provided at the end of each module, concomitantly to the beginning of the new one, in order to allow the student to have time to study all materials, including self-directed learning material.

#### **• Self-directed learning**

**Papers and books:** where expected, 5 relevant papers or a book chapter will be indicated, according to the specific topic.

**Journal clubs:** Journal club sessions of 1-hour duration (intended as a web meeting) will take place, on different topics. Chosen papers will be read and summarized by a couple of participants (according to the established rotation), which will present them during the web meeting.

The mandatory participation corresponds to 50% of all web meetings

**Obligatory final examination:** at the end of the 2-year course the participants will be asked, in order to obtain the Unisvet 2-year post-graduate training program in companion animals internal medicine certificate, to complete and successfully pass a final synoptic assessment approved and supervised by the independent **evaluation board of the University of Padua**.

# UNISVET 2-YEAR POST-GRADUATE TRAINING PROGRAM IN COMPANION ANIMALS INTERNAL MEDICINE CERTIFICATE

To obtain the certificate the participant must:

- Collect a case-log with at least 8 cases which have deemed satisfactory
- Record at least 50% of participation to web meetings
- Record at least 75% of participation to direct teaching
- Successfully pass at least 60% of the inter-module MCQs tests
- Successfully pass the final MCQs test



# Course Directors



**Dr. Carolina Callegari**

DVM, Dipl. ECVIM-CA (Internal Medicine)



**Dr. Chiara Leo**

DVM, MSc, FHEA, Dipl. ACVIM (Oncology), MRCVS



**Dr. Federico Porporato**

DVM, Dipl. ECVIM-CA (Internal Medicine)



# Invited Speakers

## **Prof. Luca Aresu**

DVM, PhD

## **Prof. Tony Glaus**

DVM, PhD, Dipl. ACVIM (SAIM), Dipl. ECVIM-CA

## **Dr. Michela Beccaglia**

DVM, PhD, Dipl. ECAR

## **Dr. Robert Goggs**

BVSc, PhD, Dipl. ACVECC, Dipl. ECVECC

## **Dr. Jerome Benoit**

DVM, Dipl. ACVR (Radiation Onc) Dipl. ECVDI,  
MRCVS

## **Dr. Claudia Iannucci**

DVM, Dipl. ACVECC, Dipl. ECVECC

## **Dr. Chiara Bergamino**

DVM, Dipl. ECVDI, MRCVS

## **Dr. Ben Harris**

MA, VetMB, CertSAM, FLS, Dipl. ECVIM-CA, MRCVS

## **Dr. Elisa Silvia Colombo**

Psicologa e Psicoterapeuta

## **Dr. Hans Kooistra**

DVM, PhD, Dipl. ECVIM-CA

## **Dr. Sara Corradini**

DVM, Dipl. ECVIM-CA (Internal Medicine)

## **Dr. Federica Marchesotti**

DVM, Dipl. ECVIM-CA (Cardiology)

## **Dr. Stefano Cortellini**

DVM, Dipl. ACVECC, Dipl. ECVECC, FHEA, MRCVS

## **Dr. Lorenzo Mari**

DVM, Dipl. ECVN, MRCVS

## **Dr. Angela Fadda**

DVM, Dr. Med. Vet., Dipl. ECVN, PhD, MRCVS

## **Dr. Gerard McLauchlan**

BVMS, Dipl. ECVIM-CA, MRCVS, FHEA

## **Dr. Filippo Ferri**

DVM, MRCVS, Dipl. ECVIM-CA (Internal Medicine)

## **Dr. Bjorn Meij**

DVM, PhD, Dipl. ECVS

## **Dr. Valentina Fiorbianco**

DVM, PhD

## **Dr. Melania Moioli**

DVM, Dr. Med. Vet., PhD, Dipl. ECVDI, MRCVS

## **Dr. Thierry Francey**

DVM, Dipl. ACVIM (SAIM), Dipl. ECVIM-CA

## **Dr. Martina Mosing**

DVM, Dipl. ECVAA





**Dr. Riccardo Orlandi**

DVM, PhD, Dipl. ECAR

**Prof. Saverio Paltrinieri**

DVM, PhD, Dipl. ECVCP

**Dr. Matteo Petini**

DVM, Dipl. ECVIM-CA (Internal Medicine)

**Dr. Valentina Piola**

DVM, Dipl. ECVDI, MRCVS

**Dr. Eleonora Piseddu**

DVM, Dip.ECVCP, MRCVS

**Dr. Martina Piviani**

DVM, SPCAA, MSc, Dipl. ACVP

**Dr. Andrea Pratesi**

DVM, SPCAA, MSc, Dipl. ACVP

**Dr. Fabio Procoli**

DMV, MVetMed, Dipl. ACVIM, Dipl. ECVIM-CA (Internal Medicine), MRCVS

**Prof. Liviana Prola**

DVM, PhD, Dipl. ECVCN

**Dr. Antonella Rampazzo**

DVM, Phd, Dipl. ECVO

**Prof. Giovanni Re**

DVM, PhD, Dipl. ECVPT

**Dr. Elodie Roels**

DVM MSc PhD Dip.ECVIM-CA ,MRCVS

**Dr. Tommaso Rosati**

DVM, Dipl. ACVECC

**Dr. Fabia Scarampella**

DVM, MSc, Dipl. ECVD

**Dr. Paolo Silvestrini**

DVM, SPCAA, MSc, PhD, FHEA, Dipl. ECVIM-CA (Internal Medicine), MRCVS

**Dr. Giacomo Stanzani**

DVM, Dipl. ACVECC, Dipl. ECVECC, MRCVS

**Dr. Alice Tamborini**

DVM, Dipl. ECVIM-CA (Internal Medicine), MRCVS

**Dr. Gert ter Haar**

DVM, PhD, Dipl. ECVS

**Dr. Federica Tirrito**

DVM, Dipl. ECVN

**Prof. Luciano Traquandi**

Management speaker and consultant, University professor, Independent researcher.

**Dr. Simona Vincenti**

DVM, Dipl. ECVS, MRCVS

**Dr. Penny Watson**

DVM, MA, CertVR, DSAM, Dipl. ECVIM, FRCVS

# CLINICAL MANAGEMENT AND COMMUNICATION + NEUROLOGY SESSION



## FRONTAL LECTURES

Dr. Elisa Silvia Colombo	Dr. Lorenzo Mari
Dr. Angela Fadda	Prof. Luciano Traquandi
Dr. Chiara Leo	

### PRE-MASTER DAY

Registration procedures and Welcome coffee	15.00 - 15.30
Presentation of the Vetcee Master course structure	15.30 - 16.00
Master Course indirect and self learning system	16.00 - 16.30
Master Course assessment and verification system	16.30 - 17.00
Practical examples of "Home work" journal clubs	17.00 - 17.30

### DAY 1

Registration procedures	08.30 - 09.00
Principles of good communication - Part 1 <b>ELISA SILVIA COLOMBO</b>	09.00 - 10.00
Principles of good communication - Part 2 <b>ELISA SILVIA COLOMBO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Principles of good case management: understanding and obtaining a comprehensive clinical history, reporting treatment plans and results <b>ELISA SILVIA COLOMBO</b>	12.00 - 13.00
Communicating history to a specialist colleague and report on progress and results to owners. Continuity of case management <b>ELISA SILVIA COLOMBO</b>	13.00 - 14.00
Break	14.00 - 15.00
Principles of good client communication: how to give bad news <b>ELISA SILVIA COLOMBO</b>	15.00 - 16.00
Principles of good client management: when it's time to say goodbye <b>ELISA SILVIA COLOMBO</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
The concept of emotional fatigue: how to deal with it in the veterinary profession <b>ELISA SILVIA COLOMBO</b>	17.30 - 18.30



## DAY 2

Registration procedures	08.30 - 09.00
Principles of good client management: money and difficult clients can be an issue! <b>LUCIANO TRAQUANDI</b>	09.00 - 10.00
Principles of good client management: money and difficult clients can be an issue! <b>LUCIANO TRAQUANDI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Fostering good team-work: common mistakes and tips to solve them <b>LUCIANO TRAQUANDI</b>	12.00 - 13.00
Fostering good team-work: common mistakes and tips to solve them <b>LUCIANO TRAQUANDI</b>	13.00 - 14.00
Break	14.00 - 15.00
Interpersonal relationship for a good human climate – leader vs. employee <b>LUCIANO TRAQUANDI</b>	15.00 - 16.00
Interpersonal relationship for a good human climate – leader vs. employee <b>LUCIANO TRAQUANDI</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
The art of giving negative feedbacks <b>LUCIANO TRAQUANDI</b>	17.30 - 18.30

## DAY 3

Registration procedures	08.30 - 09.00
The neurologic examination <b>LORENZO MARI</b>	09.00 - 10.00
Neuroanatomical localization <b>LORENZO MARI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Differential diagnosis of a paretic/plegic patient <b>LORENZO MARI</b>	12.00 - 13.00
Peripheral syndromes <b>LORENZO MARI</b>	13.00 - 14.00
Break	14.00 - 15.00
How to differentiate a neurologic patient from an orthopaedic one <b>ANGELA FADDA</b>	15.00 - 16.00
Eye and urinary bladder anatomy and innervation <b>ANGELA FADDA</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Autonomic dysfunction (Eye, bladder) <b>ANGELA FADDA</b>	17.30 - 18.30



# MODULE 1

## DAY 4

Registration procedures	08.30 - 09.00
Vestibular syndrome and cerebellar disorders <b>ANGELA FADDA</b>	09.00 - 10.00
Prosencephalic and brainstem syndromes: clinical presentation and differential diagnosis <b>ANGELA FADDA</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Tumors of the nervous system <b>CHIARA LEO</b>	12.00 - 13.00
Prosencephalic and brainstem syndromes: clinical presentation and differential diagnosis <b>ANGELA FADDA</b>	13.00 - 14.00
Break	14.00 - 15.00
Infectious diseases of the nervous system <b>ANGELA FADDA</b>	15.00 - 16.00
MUO - part 1 <b>ANGELA FADDA</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
MUO - part 2 <b>ANGELA FADDA</b>	17.30 - 18.30

## DAY 5

Registration procedures	08.30 - 09.00
Degenerative conditions of the nervous system <b>ANGELA FADDA</b>	09.00 - 10.00
Cerebrovascular accidents <b>ANGELA FADDA</b>	10.00 - 11.00
Brunch	11.00 - 12.00
The epileptic patient I <b>LORENZO MARI</b>	12.00 - 13.00
The epileptic patient <b>LORENZO MARI</b>	13.00 - 14.00
Break	14.00 - 15.00
Disorders mimicking epilepsy and tremors <b>LORENZO MARI</b>	15.00 - 16.00
Myopathies and Neuropathies <b>LORENZO MARI</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Neurology in clinical practice: localize the neurologic origin of a lesion and csf tap <b>LORENZO MARI</b>	17.30 - 18.30





## ON DEMAND LECTURES

Dr. Angela Fadda  
Dr. Valentina Fiorbianco  
Dr. Martina Mosing  
Dr. Giacomo Stanzani

KNOWLEDGE ON SAFE AND CORRECT DISPOSAL OF WASTE <b>VALENTINA FIORBIANCO</b>	1 HOUR
KNOWLEDGE ON EFFECTIVE INFECTION CONTROL MEASURES AND PROPHYLACTIC TREATMENTS - HYGIENE <b>VALENTINA FIORBIANCO</b>	2 HOURS
ANAESTHESIA FOR DIAGNOSTIC IMAGING (CT & MRI) WITH SPECIAL FOCUS ON NEUROLOGIC PATIENTS <b>MARTINA MOSING</b>	1 HOUR
HOW TO SEDATE AND TREAT THE PAINFUL AND STRESSED PATIENT (FOR MINOR PROCEDURES AND / OR DURING THE HOSPITAL STAY) AND OUR NEW ENEMY: SEROTONIN SYNDROME <b>MARTINA MOSING</b>	1 HOUR
FLUID THERAPY: HOW, WHAT AND WHEN - PART 1 <b>GIACOMO STANZANI</b>	1 HOUR
FLUID THERAPY: HOW, WHAT AND WHEN - PART 2 <b>GIACOMO STANZANI</b>	1 HOUR
ELECTROMYOGRAPHY <b>ANGELA FADDA</b>	1 HOUR



FRONTAL LECTURES

- |                       |                         |
|-----------------------|-------------------------|
| Dr. Luca Aresu        | Dr. Riccardo Orlandi    |
| Dr. Chiara Bergamino  | Dr. Saverio Paltrinieri |
| Dr. Thierry Francey   | Dr. Federico Porporato  |
| Dr. Claudia Iannucci  | Dr. Andrea Pratesi      |
| Dr. Gerard McLauchlan | Dr. Liviana Prola       |
| Dr. Chiara Leo        |                         |

DAY 1

Registration procedures	08.30 - 09.00
Blood analysis in the renal patient <b>FEDERICO PORPORATO</b>	09.00 - 10.00
Urinalysis, is that important? <b>FEDERICO PORPORATO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Acute kidney insufficiency: etiopathogenesis, clinical presentation and differences with chronic insufficiency <b>THIERRY FRANCEY</b>	12.00 - 13.00
Renal toxicosis <b>THIERRY FRANCEY</b>	13.00 - 14.00
Break	14.00 - 15.00
Leptospirosis <b>THIERRY FRANCEY</b>	15.00 - 16.00
Medical treatment for acute renal insufficiency <b>THIERRY FRANCEY</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Fanconi syndrome and renal tubular acidosis <b>THIERRY FRANCEY</b>	17.30 - 18.30



## DAY 2

Registration procedures	08.30 - 09.00
Haemodialysis - part 1 <b>THIERRY FRANCEY</b>	09.00 - 10.00
Haemodialysis - part 2 <b>THIERRY FRANCEY</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Haemodialysis - part3 <b>THIERRY FRANCEY</b>	12.00 - 13.00
Chronic kidney disease: etiopathogenesis, clinical signs e diagnosis <b>THIERRY FRANCEY</b>	13.00 - 14.00
Break	14.00 - 15.00
Chronic kidney disease: treatment and follow-up <b>THIERRY FRANCEY</b>	15.00 - 16.00
Renal hematuria <b>GERARD MCLAUHLAN</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Nutrition in urinary disorders <b>LIVIANA PROLA</b>	17.30 - 18.30

## DAY 3

Registration procedures	08.30 - 09.00
Glomerulopathies: aetiologies and clinical presentation <b>LUCA ARESU</b>	09.00 - 10.00
Glomerulopathies: treatment and prognosis <b>LUCA ARESU</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Leishmaniasis - part 1 <b>SAVERIO PALTRINIERI</b>	12.00 - 13.00
Leishmaniasis - part 2 <b>SAVERIO PALTRINIERI</b>	13.00 - 14.00
Break	14.00 - 15.00
Urinary incontinence: from clinical signs through differential diagnosis <b>GERARD MCLAUHLAN</b>	15.00 - 16.00
Urethral sfincter mechanism incompetence (USMI) <b>GERARD MCLAUHLAN</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Urolithiasis <b>GERARD MCLAUHLAN</b>	17.30 - 18.30



## MODULE 2

### DAY 4

Registration procedures	08.30 - 09.00
<b>FLUDT</b> <b>GERARD MCLAUHLAN</b>	09.00 - 10.00
Endoscopy of the urinary tract - part 1 <b>GERARD MCLAUHLAN</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Endoscopy of the urinary tract - part 2 <b>GERARD MCLAUHLAN</b>	12.00 - 13.00
Ectopic urethers <b>GERARD MCLAUHLAN</b>	13.00 - 14.00
Break	14.00 - 15.00
Ureteral obstructions <b>GERARD MCLAUHLAN</b>	15.00 - 16.00
Ureteral bypass, ureteral stent <b>GERARD MCLAUHLAN</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Prostate: prostatitis, prostatic abscess, cysts, hyperplasia <b>RICCARDO ORLANDI</b>	17.30 - 18.30

### DAY 5

Registration procedures	08.30 - 09.00
Renal neoplasm <b>CHIARA LEO</b>	09.00 - 10.00
Prostatic and urinary bladder neoplasms <b>CHIARA LEO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Uroabdomen - VIA VIDEOCONFERENCE <b>CLAUDIA IANNUCCI</b>	12.00 - 13.00
X rays, ultrasound and CT of the urinary tract <b>CHIARA BERGAMINO</b>	13.00 - 14.00
Break	14.00 - 15.00
X rays and ultrasound of the urinary tract in practice <b>CHIARA BERGAMINO</b>	15.00 - 16.00
Urinary catheter in male and female, urethral disrupt in dogs and cats, nephrostomy <b>ANDREA PRATESI</b>	16.00 - 17.00





## ON DEMAND LECTURES

Dr. Stefano Cortellini  
Dr. Martina Mosing  
Dr. Tommaso Rosati  
Dr. Fabia Scarpella

Anaesthesia in the patient with renal insufficiency <b>MARTINA MOSING</b>	1 HOUR
Locoregional anaesthesia <b>MARTINA MOSING</b>	1 HOUR
Sedative combinations for tranquilisation for minor procedures or restraint <b>MARTINA MOSING</b>	1 HOUR
Shock <b>TOMMASO ROSATI</b>	1 HOUR
Sepsis <b>TOMMASO ROSATI</b>	1 HOUR
MODS <b>TOMMASO ROSATI</b>	1 HOUR
Critical illness-related corticosteroid insufficiency (CIRCI) <b>STEFANO CORTELLINI</b>	1 HOUR
How to perform a dermatologic examination <b>FABIA SCARAMELLA</b>	2 HOUR
Dermatological patterns and differential diagnosis <b>FABIA SCARAMELLA</b>	1 HOUR
Atopic dermatitis <b>FABIA SCARAMELLA</b>	2 HOURS



## FRONTAL LECTURES

Dr. Robert Goggs  
Dr. Karen Humm  
Dr. Claudia Iannucci  
Dr. Chiara Leo



Dr. Matteo Petini  
Dr. Martina Piviani  
Dr. Paolo Silvestrini

### DAY 1



Registration procedures	08.30 - 09.00
Transfusion Medicine - part 1 <b>CLAUDIA IANNUCCI</b>	09.00 - 10.00
Transfusion Medicine - part 2 <b>CLAUDIA IANNUCCI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Transfusion Medicine - part 3 <b>CLAUDIA IANNUCCI</b>	12.00 - 13.00
How to read a blood smear, theory (RBC and platelets) <b>MARTINA PIVIANI</b>	13.00 - 14.00
Break	14.00 - 15.00
How to read a blood smear, practice (RBC and platelets) <b>MARTINA PIVIANI</b>	15.00 - 16.00
How to read a blood smear, theory (WBC) <b>MARTINA PIVIANI</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
How to read a blood smear, practice (WBC) <b>MARTINA PIVIANI</b>	17.30 - 18.30



## DAY 2

Registration procedures		08.30 - 09.00
Immunosuppressant therapies <b>PAOLO SILVESTRINI</b>		09.00 - 10.00
Immunomediante haemolytic anaemias (causes and clinical presentation) <b>PAOLO SILVESTRINI</b>		10.00 - 11.00
Brunch		11.00 - 12.00
Immunomediante haemolytic anaemias (therapy and prognosis) <b>PAOLO SILVESTRINI</b>		12.00 - 13.00
Non-regenerative anaemias (differential diagnosis and iron status assessment) <b>PAOLO SILVESTRINI</b>		13.00 - 14.00
Break		14.00 - 15.00
Coagulation: primary, secondary and tertiary hemostasis VIA VIDEOCONFERENCE <b>ROBERT GOGGS</b>		15.00 - 16.00
Coagulation: methods for measuring it, including TEG or similar VIA VIDEOCONFERENCE <b>ROBERT GOGGS</b>		16.00 - 17.00
Coffee Break		17.00 - 17.30
Thrombocytopenia: differential diagnosis, diagnostic approach, therapy) <b>PAOLO SILVESTRINI</b>		17.30 - 18.30

## DAY 3

Registration procedures		08.30 - 09.00
FeLV <b>MATTEO PETINI</b>		09.00 - 10.00
FIV <b>MATTEO PETINI</b>		10.00 - 11.00
Brunch		11.00 - 12.00
Ehrlichia and Anaplasma <b>PAOLO SILVESTRINI</b>		12.00 - 13.00
Lyme disease <b>PAOLO SILVESTRINI</b>		13.00 - 14.00
Break		14.00 - 15.00
DIC - VIA VIDEOCONFERENCE <b>ROBERT GOGGS</b>		15.00 - 16.00
Thrombosis - VIA VIDEOCONFERENCE <b>ROBERT GOGGS</b>		16.00 - 17.00
Coffee Break		17.00 - 17.30
Hepatozoon <b>PAOLO SILVESTRINI</b>		17.30 - 18.30



## MODULE 3

### DAY 4

Registration procedures	08.30 - 09.00
Babesia, Mycoplasma, Cytauxzoon <b>PAOLO SILVESTRINI</b>	09.00 - 10.00
Bartonella spp. in dogs and cats <b>PAOLO SILVESTRINI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Erythrocytosis <b>PAOLO SILVESTRINI</b>	12.00 - 13.00
Myelodysplasia - part 1 <b>MARTINA PIVIANI</b>	13.00 - 14.00
Break	14.00 - 15.00
Myelodysplasia - part <b>MARTINA PIVIANI</b>	15.00 - 16.00
Leukaemia <b>CHIARA LEO</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Multicentric lymphoma <b>CHIARA LEO</b>	17.30 - 18.30

### DAY 5

Registration procedures	08.30 - 09.00
Plasmacytoma <b>CHIARA LEO</b>	09.00 - 10.00
Mast cell tumour <b>CHIARA LEO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Canine polyarthritis: physiopathogenesis, clinical signs and diagnostic approach <b>PAOLO SILVESTRINI</b>	12.00 - 13.00
Canine polyarthritis: treatment, prognosis and follow-up <b>PAOLO SILVESTRINI</b>	13.00 - 14.00





## ON DEMAND LECTURES

Dr. Chiara Leo  
Dr. Martina Piviani  
Dr. Fabia Scarampella  
Dr. Antonella Rampazzo



The fundus of a normal eye and its alteration during hypertension or systemic infectious diseases <b>ANTONELLA RAMPAZZO</b>	1 HOUR
Uveitis <b>ANTONELLA RAMPAZZO</b>	1 HOUR
Testicular tumours <b>CHIARA LEO</b>	1 HOUR
Chemotherapy principles, adverse events and management of the oncology patient <b>CHIARA LEO</b>	1 HOUR
Neoplastic/paraneoplastic skin disorders (including a cytology session) <b>FABIA SCARAMPELLA</b>	2 HOURS
How to prepare a correct slide for cytology <b>MARTINA PIVIANI</b>	1 HOUR
Bases of oncologic cytology <b>CHIARA LEO</b>	1 HOUR
Hemangiosarcoma <b>CHIARA LEO</b>	1 HOUR
Soft tissue sarcoma <b>CHIARA LEO</b>	1 HOUR
Histiocytic disorders <b>CHIARA LEO</b>	1 HOUR

# ENDOCRINOLOGY, REPRODUCTION AND NEONATOLOGY



## FRONTAL LECTURES

Dr. Jerome Benoit  
Dr. Sara Corradini  
Dr. Filippo Ferri  
Dr. Hans Kooistra  
Dr. Bjorn Meij

Dr. Chiara Leo  
Dr. Federico Porporato  
Dr. Liviana Prola  
Dr. Tommaso Rosati  
Dr. Simona Vincenti

### DAY 1

Registration procedures	08.30 - 09.00
Physiopathogenesis of diabetes mellitus in dogs and cats <b>FILIPPO FERRI</b>	09.00 - 10.00
Diagnosis of diabetes mellitus and possible differential diagnosis <b>FILIPPO FERRI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Treatment of diabetes mellitus: from insulin to dietary managementc - part 1 <b>FILIPPO FERRI</b>	12.00 - 13.00
Treatment of diabetes mellitus: from insulin to dietary managementc - part 2 <b>FILIPPO FERRI</b>	13.00 - 14.00
Break	14.00 - 15.00
Monitoring of diabetes mellitus <b>FILIPPO FERRI</b>	15.00 - 16.00
Clinical cases <b>FILIPPO FERRI</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Patient management in diabetic ketoacidosis and hyperosmolar syndrome <b>TOMMASO ROSATI</b>	17.30 - 18.30



## DAY 2

Registration procedures	08.30 - 09.00
Feline hyperaldosteronism: aetiology and clinical presentation <b>HANS KOOISTRA</b>	09.00 - 10.00
Feline hyperaldosteronism: diagnosis and treatment <b>HANS KOOISTRA</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Hyperthyroidism: from the visit to the diagnosis, with laboratory tests and diagnostic imaging <b>FEDERICO PORPORATO</b>	12.00 - 13.00
Treatment options for the hyperthyroid patient <b>FEDERICO PORPORATO</b>	13.00 - 14.00
Break	14.00 - 15.00
Hypothyroidism: etiology and clinical presentation, 1st part <b>HANS KOOISTRA</b>	15.00 - 16.00
Hypothyroidism: etiology and clinical presentation, 2nd part <b>HANS KOOISTRA</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Hypertension: organ damage, causes and treatment <b>TOMMASO ROSATI</b>	17.30 - 18.30

## DAY 3

Registration procedures	08.30 - 09.00
Thyroid masses: what to do, step by step <b>CHIARA LEO</b>	09.00 - 10.00
Approach to polyuria and polydipsia <b>HANS KOOISTRA</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Hyperadrenocorticism: aetiology and clinical presentation <b>HANS KOOISTRA</b>	12.00 - 13.00
Hyperadrenocorticism: diagnosis <b>HANS KOOISTRA</b>	13.00 - 14.00
Break	14.00 - 15.00
Medical management and monitoring of hyperadrenocorticism <b>HANS KOOISTRA</b>	15.00 - 16.00
Unusual forms of hyperadrenocorticism <b>HANS KOOISTRA</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Feline hyperadrenocorticism <b>FEDERICO PORPORATO</b>	17.30 - 18.30



## MODULE 4

### DAY 4

Registration procedures		08.30 - 09.00
Pituitary tumor from the surgeon point of view VIA VIDEOCONFERENCE <b>BJORN MEIJ</b>		09.00 - 10.00
Pituitary tumor from the radiotherapist point of view VIA VIDEOCONFERENCE <b>JEROME BENOIT</b>		10.00 - 11.00
Brunch		11.00 - 12.00
Pheochromocytoma: aetiology and clinical presentation <b>SARA CORRADINI</b>		12.00 - 13.00
Pheochromocytoma: diagnosis and treatment <b>SARA CORRADINI</b>		13.00 - 14.00
Break		14.00 - 15.00
Hypoadrenocorticism: aetiology and clinical presentation <b>FEDERICO PORPORATO</b>		15.00 - 16.00
Hypoadrenocorticism: diagnosis and treatment <b>FEDERICO PORPORATO</b>		16.00 - 17.00
Coffee Break		17.00 - 17.30
Clinical Cases <b>SARA CORRADINI</b>		17.30 - 18.30

### DAY 5

Registration procedures		08.30 - 09.00
Adrenalectomy <b>SIMONA VINCENTI</b>		09.00 - 10.00
PTH disorders: hypo and hyperparathyroidism <b>FEDERICO PORPORATO</b>		10.00 - 11.00
Brunch		11.00 - 12.00
Secondary nutritional hyperparathyroidism <b>LIVIANA PROLA</b>		12.00 - 13.00
Insulinoma, gastrinoma and glucagonoma <b>CHIARA LEO</b>		13.00 - 14.00
Break		14.00 - 15.00
Hormones test interpretation <b>FEDERICO PORPORATO</b>		15.00 - 16.00
Hormones test interpretation <b>FEDERICO PORPORATO</b>		16.00 - 17.00



## ON DEMAND LECTURES

Dr. Michela Beccaglia  
Dr. Chiara Leo  
Dr. Martina Mosing  
Dr. Riccardo Orlandi  
Dr. Fabia Scarampella

Dermatological problems related to endocrinopathies and differential diagnosis <b>FABIA SCARAMPELLA</b>	2 HOURS
Updates on anaesthesia maintenance <b>MARTINA MOSING</b>	1 HOUR
Dystocia <b>MICHELA BECCAGLIA</b>	1 HOUR
Contraception and pregnancy termination <b>RICCARDO ORLANDI</b>	1 HOUR
Cystic endometrial hyperplasia and Pyometra <b>MICHELA BECCAGLIA</b>	1 HOUR
Care of the neonate and fading pups <b>MICHELA BECCAGLIA</b>	1 HOUR
Mammary tumours <b>CHIARA LEO</b>	1 HOUR



## FRONTAL LECTURES


Dr. Penny Watson	Dr. Tommaso Rosati
Dr. Chiara Leo	Dr. Paolo Silvestrini
Dr. Eleonora Piseddu	Dr. Fabia Scarampella
Dr. Federico Porporato	Dr. Alice Tamborini
Dr. Fabio Procoli	Dr. Federica Tirrito

### DAY 1


Registration procedures	08.30 - 09.00
Laboratory alterations in the hepatopathic patient <b>FEDERICO PORPORATO</b>	09.00 - 10.00
Canine and feline congenital liver disease <b>PENNY WATSON</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Porto-systemic shunt: post-operative management <b>PENNY WATSON</b>	12.00 - 13.00
Coagulation disorders in the hepatopathic patient <b>TOMMASO ROSATI</b>	13.00 - 14.00
Break	14.00 - 15.00
Acute hepatitis <b>PENNY WATSON</b>	15.00 - 16.00
Chronic hepatitis <b>PENNY WATSON</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Liver cytology and histopathology: a first approach <b>ELEONORA PISEDDU</b>	17.30 - 18.30



## DAY 2

Registration procedures		08.30 - 09.00
Feline cholangitis <b>PENNY WATSON</b>		09.00 - 10.00
Callbladder dismotility - VIA VIDEOCONFERENCE <b>ALICE TAMBORINI</b>		10.00 - 11.00
Brunch		11.00 - 12.00
Vacuolar hepatopathies and amyloidosis <b>PENNY WATSON</b>		12.00 - 13.00
Amyloidosis <b>CAROLINA CALLEGARI, FEDERICO PORPORATO</b>		13.00 - 14.00
Break		14.00 - 15.00
Major hepatic neoplasms of dogs and cats - part 1 <b>CHIARA LEO</b>		15.00 - 16.00
Major hepatic neoplasms of dogs and cats - part 2 <b>CHIARA LEO</b>		16.00 - 17.00
Coffee Break		17.00 - 17.30
Hepatocutaneous syndrome <b>FABIA SCARAMPELLA</b>		17.30 - 18.30

## DAY 3

Registration procedures		08.30 - 09.00
Pancreatitis: acute and chronic (diagnosis) <b>PENNY WATSON</b>		09.00 - 10.00
Pancreatitis: acute and chronic (treatment) <b>PENNY WATSON</b>		10.00 - 11.00
Brunch		11.00 - 12.00
EHBDO - VIA VIDEOCONFERENCE <b>BEN HARRIS</b>		12.00 - 13.00
Exocrine pancreatic insufficiency <b>PENNY WATSON</b>		13.00 - 14.00
Break		14.00 - 15.00
Enteral and parenteral nutrition in the critical patient <b>PENNY WATSON</b>		15.00 - 16.00
Dysphagia <b>FEDERICA TIRRITO</b>		16.00 - 17.00
Coffee Break		17.00 - 17.30
Megaesophagus <b>FEDERICO PORPORATO</b>		17.30 - 18.30



## MODULE 5

### DAY 4

Registration procedures	08.30 - 09.00
Protein losing enteropathy <b>FABIO PROCOLI</b>	09.00 - 10.00
Gut microbiome <b>FABIO PROCOLI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Antibiotic responsive diarrhoea <b>FABIO PROCOLI</b>	12.00 - 13.00
Fibre/Diet responsive diarrhoea <b>FABIO PROCOLI</b>	13.00 - 14.00
Break	14.00 - 15.00
Inflammatory bowel disease (IBD) <b>FABIO PROCOLI</b>	15.00 - 16.00
infectious enteritis - part 1 <b>PAOLO SILVESTRINI</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
infectious enteritis - part 2 <b>PAOLO SILVESTRINI</b>	17.30 - 18.30

### DAY 5

Registration procedures	08.30 - 09.00
Parvovirus infection <b>FEDERICO PORPORATO</b>	09.00 - 10.00
Feline alimentary lymphoma <b>CHIARA LEO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Major canine gastrointestinal neoplasms <b>CHIARA LEO</b>	12.00 - 13.00
Gastroenteric endoscopy - part 1 <b>PAOLO SILVESTRINI</b>	13.00 - 14.00
Break	14.00 - 15.00
Gastroenteric endoscopy - part 2 <b>PAOLO SILVESTRINI</b>	15.00 - 16.00
Clinical cases <b>PAOLO SILVESTRINI</b>	16.00 - 17.00





## ON DEMAND LECTURES

Dr. Melania Moioli  
Dr. Martina Mosing



Anaesthesia in patient with hepatic insufficiency <b>MARTINA MOSING</b>	1 HOUR
Pathophysiology of pain and basic management of maladaptive pain <b>MARTINA MOSING</b>	1 HOUR
Analgesia for acute pain with focus on gastrointestinal / pancreatic problems <b>MARTINA MOSING</b>	1 HOUR
X rays of the abdomen, 1st part <b>MELANIA MOIOLI</b>	1 HOUR
X rays of the abdomen, 2nd part <b>MELANIA MOIOLI</b>	1 HOUR
Abdominal ultrasound (stomach, bowel)	1 HOUR
Abdominal ultrasound (liver, pancreas)	1 HOUR



## FRONTAL LECTURES

Dr. Chiara Bergamino  
Dr. Gert ter Haar  
Dr. Chiara Leo

Dr. Elodie Roels  
Dr. Giacomo Stanzani

## DAY 1

Registration procedures	08.30 - 09.00
Unilateral and bilateral rhinitis (foreign body, tumor, aspergillus, oronasal fistula, chronic nonspecific rhinitis) <b>GERT TER HAAR</b>	09.00 - 10.00
Nasopharyngeal abnormalities (polyp, tumor, stenosis) <b>GERT TER HAAR</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Brachycephalic obstructive airway syndrome - part 1 <b>GERT TER HAAR</b>	12.00 - 13.00
Brachycephalic obstructive airway syndrome - part 2 <b>GERT TER HAAR</b>	13.00 - 14.00
Break	14.00 - 15.00
Laryngeal diseases <b>GERT TER HAAR</b>	15.00 - 16.00
Tracheal diseases <b>GERT TER HAAR</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Diagnostic work up of the upper airways (X-ray, CT, endoscopy) <b>GERT TER HAAR</b>	17.30 - 18.30



## DAY 2

Registration procedures	08.30 - 09.00
Aspergillosis <b>GERT TER HAAR</b>	09.00 - 10.00
Upper respiratory tract and ribs tumors <b>CHIARA LEO</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Pneumonia: etiopathogenesis, clinical presentation, diagnosis <b>ELODIE ROELS</b>	12.00 - 13.00
Pneumonia: treatment and follow-up <b>ELODIE ROELS</b>	13.00 - 14.00
Break	14.00 - 15.00
Angiostrongylus vasorum <b>ELODIE ROELS</b>	15.00 - 16.00
Other pulmonary parasites <b>ELODIE ROELS</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Rare-underdiagnosed diseases (e.g. ciliary dyskinesia) <b>ELODIE ROELS</b>	17.30 - 18.30

## DAY 3

Registration procedures	08.30 - 09.00
Pulmonary fibrosis <b>ELODIE ROELS</b>	09.00 - 10.00
Pulmonary thromboembolism <b>ELODIE ROELS</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Surgical pulmonary disease (emphysema, lobe torsion) <b>ELODIE ROELS</b>	12.00 - 13.00
Major feline pulmonary neoplasms <b>CHIARA LEO</b>	13.00 - 14.00
Break	14.00 - 15.00
Major canine pulmonary neoplasms <b>CHIARA LEO</b>	15.00 - 16.00
Major mediastinal neoplasms <b>CHIARA LEO</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Chylothorax: diagnostic approach and treatment <b>ELODIE ROELS</b>	17.30 - 18.30



## MODULE 6

### DAY 4

Registration procedures	08.30 - 09.00
Pyothorax: diagnostic approach and treatment <b>ELODIE ROELS</b>	09.00 - 10.00
Feline infectious peritonitis: an overview <b>SAVERIO PALTRINIERI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Feline asthma <b>ELODIE ROELS</b>	12.00 - 13.00
Broncheal diseases <b>ELODIE ROELS</b>	13.00 - 14.00
Lunch	14.00 - 15.00
Thoracic X rays in the respiratory patient <b>CHIARA BERGAMINO</b>	15.00 - 16.00
Thoracic X rays, in the respiratory patient (practice) <b>CHIARA BERGAMINO</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Thoracic ultrasound in emergency (T-fast) <b>GIACOMO STANZANI</b>	17.30 - 18.30

### DAY 5

Registration procedures	08.30 - 09.00
Acute respiratory distress syndrome (ARDS) <b>GIACOMO STANZANI</b>	09.00 - 10.00
Arterial gas analysis: diagnostic utility and interpretation <b>GIACOMO STANZANI</b>	10.00 - 11.00
Brunch	11.00 - 12.00
Respiratory emergencies in practice (tracheostomy, tracheal tubes, thoracocentesis, thoracic drainage) <b>GIACOMO STANZANI</b>	12.00 - 13.00
Oxygen therapy: when, how and why <b>GIACOMO STANZANI</b>	13.00 - 14.00



## ON DEMAND LECTURES

Dr. Martina Mosing  
Prof. Giovanni Re

Antibiotics <b>GIOVANNI RE</b>	1 HOUR
Controlled mechanical ventilation and manual ventilation <b>MARTINA MOSING</b>	1 HOUR
Special anaesthesia monitoring with focus on respiratory monitoring <b>MARTINA MOSING</b>	1 HOUR
Mortality in veterinary anaesthesia <b>MARTINA MOSING</b>	1 HOUR



## FRONTAL LECTURES

Dr. Stefano Cortellini

Dr. Tony Glaus

Dr. Federica Marchesotti

Dr. Valentina Piola

Dr. Andrea Pratesi

### DAY 1

Registration procedures	08.30 - 09.00
Left-right shunts (PDA, VSD, ASD)	09.00 - 10.00
Right-left shunts	10.00 - 11.00
Brunch	11.00 - 12.00
Canine chronic valvular heart disease	12.00 - 13.00
Cardiogenic pulmonary oedema: how to recognize and how to treat it	13.00 - 14.00
Break	14.00 - 15.00
Aortic stenosis	15.00 - 16.00
Pulmonary thromboembolism	16.00 - 17.00
Coffee Break	17.00 - 17.30
Pulmonary stenosis	17.30 - 18.30



## DAY 2

Registration procedures	08.30 - 09.00
Right heart failure, 2nd part (clinical manifestation and treatment)	09.00 - 10.00
Dilated cardiomyopathy	10.00 - 11.00
Brunch	11.00 - 12.00
Arrhythmogenic right ventricular cardiomyopathy	12.00 - 13.00
Pulmonary hypertension	13.00 - 14.00
Break	14.00 - 15.00
Heartworm disease	15.00 - 16.00
Endocarditis	16.00 - 17.00
Coffee Break	17.00 - 17.30
Myocarditis	17.30 - 18.30

## DAY 3

Registration procedures	08.30 - 09.00
Feline cardiomyopathies	09.00 - 10.00
Arterial thromboembolism	10.00 - 11.00
Brunch	11.00 - 12.00
Heart tumours (hemangiosarcoma)	12.00 - 13.00
Heart tumours (chemodectoma)	13.00 - 14.00
Break	14.00 - 15.00
Thoracic X rays, from the cardiac point of view - part 1 <b>VALENTINA PIOLA</b>	15.00 - 16.00
Thoracic X rays, from the cardiac point of view - part 2 <b>VALENTINA PIOLA</b>	16.00 - 17.00
Coffee Break	17.00 - 17.30
Thoracic X rays in practice <b>VALENTINA PIOLA</b>	17.30 - 18.30



## MODULE 7

### DAY 4

Registration procedures	08.30 - 09.00
Echocardiography: the bases and the emergency key points	09.00 - 10.00
Drugs 1	10.00 - 11.00
Brunch	11.00 - 12.00
Drugs 2	12.00 - 13.00
Drugs 3	13.00 - 14.00
Break	14.00 - 15.00
<b>PRACTICAL SESSION: Cardiopulmonary resuscitation</b> <b>STEFANO CORTELLINI</b>	15.00 - 16.00
<b>PRACTICAL SESSION: Cardiopulmonary resuscitation</b> <b>STEFANO CORTELLINI</b>	16.00 - 18.00

### DAY 5 - PRACTICAL SESSION

Registration procedures	08.30 - 09.00
ECG and RX in practice - GROUP 1 Practical session - GROUP 2	09.00 - 11.00
Coffee break	11.00 - 12.00
ECG and RX in practice - GROUP 1 Practical session - GROUP 2	12.00 - 13.30
Lunch	13.30 - 14.30
ECG and RX in practice - GROUP 2 Practical session - GROUP 1	14.30 - 16.30
Coffee Break	16.30 - 17.00
ECG and RX in practice - GROUP 2 Practical session - GROUP 1	17.00 - 18.30





## ON DEMAND LECTURES

Dr. Stefano Cortellini  
Dr. Martina Mosing  
Dr. Tommaso Rosati

Anaesthesia in the cardiopathic patient <b>MARTINA MOSING</b>	1 HOUR
ECC	7 HOUR
Hypothermia - an underestimated problem in the perioperative period <b>MARTINA MOSING</b>	1 HOUR
Non-invasive ventilation and pathophysiology of long term ventilation <b>MARTINA MOSING</b>	1 HOUR
Acid-base balance and venous gas analysis <b>STEFANO CORTELLINI</b>	1 HOUR
How to approach a critical patient <b>TOMMASO ROSATI</b>	1 HOUR
Approach to patients in anaphylactic shock <b>TOMMASO ROSATI</b>	1 HOUR

# Information



## REGISTRATION AFTER COMPLETION OF AN ADMISSION TEST AND RATIFICATION OF THE CONTRACT

### Course Fee:

€ 12.500 VAT excluded

€ 5.000 + VAT at the registration

€ 5.000 + VAT - 2ND payment

€ 2.500 + VAT - 3RD payment

THIS IS A RESTRICTED ACCESS COURSE WITH A MAXIMUM NUMBER OF 40 PARTICIPANTS

In case of renunciation of participation, the sums already paid will not be reimbursed and the whole amount due must be paid.

### Registration:

Only UNISVET members can register for the course

To become a member, register at [www.unisvet.it](http://www.unisvet.it) (Unisvet membership is free)

THE REGISTRATION ENTITLES TO:

PARTICIPATE TO THE COURSE AND JOURNAL CLUB

ON-DEMAND LECTURES

COURSE PROCEEDINGS

ATTENDANCE CERTIFICATE

BRUNCH AND COFFEE BREAKS

Please email to [segreteria@unisvet.it](mailto:segreteria@unisvet.it) for any food intolerance and special diets

### Contacts:

e-mail: [segreteria@unisvet.it](mailto:segreteria@unisvet.it)

website: [www.unisvet.it](http://www.unisvet.it)

**VENUE:**

**DoubleTree by Hilton Hotel Milan**  
**Via Ludovico di Breme 77, Milano - Italy**

**Spazio Eventi Unisvet**  
**Via Salvator Rosa 14, Milano - Italy**

**INFO: [segreteria@unisvet.it](mailto:segreteria@unisvet.it)**

**[WWW.UNISVET.IT](http://WWW.UNISVET.IT)**

**Organizzato da:**

**BMC**  
BYBLIS MEDICAL CONFERENCE

