



WINTER CAMP

Spazio Eventi Unisvet - **MILANO**

16-19 November 2024

FIRST STEPS IN ECHOCARDIOGRAPHY OF THE DOG AND CAT



Language: ENGLISH

**28
SPC**

COURSE DIRECTOR:

Dr. Luca Ferasin

DVM, PhD, CertVC, PGCert(HE), Dipl. ECVIM-CA (Cardiology), FRCVS

MAX: 24 PARTICIPANTS

Organized by:





Course Summary

This Winter Camp on echocardiography offers the opportunity to **refresh many cardiology concepts** and **develop the practical skills** necessary for the use of transthoracic echocardiography in the diagnostic investigation of **cardiovascular diseases in small animals**.

During this course, delegates will have the opportunity to gain their confidence with echocardiographic assessment and adapt learning to individual experience and working circumstances.

The course includes a critical evaluation of the **role of echocardiography in clinical practice** and an **in-depth knowledge** of echocardiographic instrumentation, physics of ultrasounds and Doppler, haemodynamics, cardiovascular anatomy, physiology and cardiac functional parameters.

The course has a **high practical content** and there is **plenty of opportunity to practise** the taught techniques.

Delegates will also learn basic guidelines for **correct reporting of echocardiographic examinations**.

But that's not all!

Our programme also offers an outdoor **team building experience** that will take you to **discover the beauty of Milan!** You will have the opportunity to explore the city's most iconic sites, discover its fascinating history and immerse yourself in the Milanese culture.

Don't miss this opportunity to combine scientific education and good fun in the beautiful setting of Milan. We look forward to seeing you at this Winter Camp for an **unforgettable experience!**

Course Director



Dr.

Luca Ferasin

DVM, PhD, CertVC.

PGCert(HE),

Dipl. ECVIM-CA (Cardiology),

FRCVS

Dr. Luca Ferasin graduated with honours in 1992 from the University of Bologna (Italy). After 3 years research in endocrinology at the BBSRC Institute in Cambridge, he was awarded his PhD in 1996. Following 3 years as Assistant Professor at Padua University (Italy), Luca moved to Bristol University, where he taught cardio-respiratory medicine of the dog and cat for more than 6 years. In 2006–2008, he was Associate Professor in Cardiology at the University of Minnesota (USA). He returned to the UK in 2008 to set up an independent cardiology company (Specialist Veterinary Cardiology Consultancy/SVCC Ltd) providing cardiology services in various referral institutions, as well as offering telemedicine service and post-graduate teaching. He obtained the Royal College of Veterinary Surgeons (RCVS) certificate in cardiology in 2001, the certificate in Teaching & Learning in Higher Education in 2002, the ECVIM diploma (cardiology) in 2004 and a Certificate in Business & Professional Studies in 2011. In 2019, Luca was awarded a Fellowship of the Royal College of Veterinary Surgeons for his Meritorious Contributions to Clinical Practice. Luca has also vastly contributed to the veterinary literature with more than 100 articles, abstracts, and book chapters, including the chapter on coughing in the two latest editions of Ettinger's textbook of Internal Medicine. He also acted as chairman of the ECVIM examination committee and was member of the RCVS examination board and BSAVA congress committee. Luca is a regular speaker in Europe, USA and Asia. His main professional interests include feline cardiology, exercise physiology, interventional cardiology, as well as investigation and clinical management of syncope and coughing.

Speakers and Instructors



Dr.

Federica Marchesotti

DVM, Dipl. ECVIM-CA (Cardiology)

Dr. Marchesotti graduated in 2010 from the University of Milan and in the same year obtained her qualification in Veterinary Medicine.

In 2012, she began an Internship at the Veterinary Institute of Novara and subsequently started the Residency program in Cardiology, obtaining in 2021 the Diploma of the European College of Veterinary Internal Medicine - Companion Animals (Cardiology). Dr. Marchesotti is a speaker at Master's programs, national and international courses in cardiology, and author, co-author, and reviewer of book chapters and scientific publications in national and international journals.



Dr.

Simone Vannini

DVM

Graduated in Veterinary Medicine in 2003 from the University of Pisa. From January 2004 to July 2004, he carried out a practical internship at the Gran Sasso Veterinary Clinic in Milan in various disciplines. From July 2004 to July 2006, he worked at the same clinics on day and night shifts, performing activities in internal medicine and emergency medicine. Since July 2006, he has been providing specialist consultancy services in abdominal ultrasound and cardiology at the Gran Sasso Veterinary Clinic. Since March 2015, he has been providing specialist consultancy services in abdominal ultrasound and cardiology at various veterinary facilities in northern and central Italy. He is part of the National Observatory of the Animal Health Foundation (FSA) for the control of heritable congenital heart diseases. He is a speaker and instructor in cardiology and abdominal ultrasound courses organized by UNISVET and private clinics.

He is member of European Society Of Veterinary Cardiology (ESVC).



Dr.

Tommaso Vezzosi

DVM, PhD,

Dipl. ECVIM-CA (Cardiology)

He graduated in 2011 in Veterinary Medicine from the University of Pisa (110/110 with honors).

He completed a rotational internship at the Clinica Veterinaria Malpensa in 2013. In 2014 he carried out a specialist internship in cardiology at the Istituto Veterinario Novara. From 2015 to 2017 he carries out a PhD in veterinary cardiology at the University of Pisa. In 2016 he began an ECVIM-CA residency program in cardiology, in collaboration with the Istituto Veterinario Novara, and he obtained the diploma of the ECVIM-CA (cardiology) in 2022. He now works as assistant professor at the Department of Veterinary Sciences of the University of Pisa.

He attended the cardiology departments of the Virginia Tech University (USA), Bristol University (UK), Ohio State University (USA), University of Murcia (ES) and Royal Veterinary College (UK) as a professional update. He is author and co-author of scientific papers published in international peer-reviewed journals, and he is also active as speaker and instructor in national and international veterinary courses.

Instructors



**Dr.
Sara Ghilardi**
DVM, PhD student
(Cardiology)

Dr. Sara Ghilardi graduated with honors in 2020 from the University of Milan after two years of internship in the Cardiology Unit of the Veterinary Teaching Hospital, Lodi. In 2021, following a six-month rotating traineeship, she started working in the Anesthesia Department of the Gran Sasso Veterinary Clinic, Milan, under the supervision of dr. Claudio Bussadori and dr. Davide Gamba. Her main job is the management of anesthesia in patients affected by congenital and acquired cardiovascular diseases that undergo interventional, hybrid, and open-heart surgeries. From 2021, she has been enrolled in a PhD program at the Department of Veterinary Medicine and Animal Sciences, University of Milan, under the supervision of prof. Paola Brambilla, head of the Cardiology Unit. That has given her the opportunity to improve her specialistic approach to the cardiovascular diseases of dogs and cats, focusing mainly on the diagnostic aspects and the therapeutic management of acquired and congenital heart diseases. At the same time, she dealt with the teaching experience, lecturing to the students of Veterinary Medicine courses the clinical approach to cardiovascular diseases in dogs and cats through theoretical and practical lessons. In 2023, as a part of her PhD program, she did a three-month visiting period at the Cardiology Service of the Colorado State University, USA, under the supervision of prof. Christopher Orton. Her main professional interests include cardiovascular physiology and pathology of dogs and cats, and hemodynamic and anesthesiologic management of canine and feline cardiac diseases. She is an author of scientific publications published in peer reviewed journals.



**Dr.
Alexandra Rosatelli**
DVM

She graduated with full honors in Veterinary Medicine in 2001 from the University of Milan. Until 2002, she collaborated with the Research Center in Cardiovascular Surgery "Piera Sant' Ambrogio" at the same University. Since 2002, she has attended numerous cardiology and echocardiography courses in Italy and abroad. In 2003 and 2004, she collaborated with the Veterinary Hospital of the University of Rio Preto (UNIRP) and completed an internship at the Instituto do Coracao (INCOR) in the echocardiography department, Rio Preto - San Paolo/Brasil. She successfully completed the cardiology course at the European School For Advanced Veterinary Studies in Luxembourg in 2005. In 2007, she graduated from the second-level University Master's degree in "Cardiology in dogs and cats" from the University of Turin. In 2009 and 2019, she completed an externship in internal medicine (2009 and 2019) and cardiology (2009) at VERG (Veterinary Emergency and Referral Group), Brooklyn NYC-USA. From 2012 to 2017, she attended and collaborated with the interventional cardiology department, transthoracic and transesophageal echocardiography at the Gran Sasso Veterinary Clinic (Milan). Supervisor Dr. Claudio Bussadori. In 2019, she graduated from the second-level University Master's degree in "Internal medicine of dogs and cats" from the University of Parma. She is an official FSA reader for the congenital heart disease observatory. She participates as a speaker in cardiology and abdominal ultrasound courses. Currently, she provides freelance cardiology services in Italy and abroad and is a co-founder of the GammaVet Veterinary Clinic.

Programme

16 November 2024 (Day 1)

Time	Topic	Speaker	Format
08:30-09:00	Welcome Coffee and Registration		
09:00-10:00	Ultrasound Machine Basics-Knobology, Probes, and Modes	Dr. L.Ferasin	Theory
10:00-10:30	Patient preparation and Ultrasound ergonomics checklist for scanning	Dr. L. Ferasin	Theory
10:30-11:00	Coffee break		
11:00-12:30	Cardiac Ultrasound Anatomy, Views and Protocols	Dr. L. Ferasin	Theory
12:30-13:00	Questionnaire and Discussion		Interactive
13:00-14:00	Lunch		
14:00-15:30	Right Parasternal Echocardiographic views	All	Hands on
15:30-16:00	Coffee break		
16:00-17:30	Right Parasternal Echocardiographic views	All	Hands on
17:30-18:00	Q&A and Wrap for The Day		Interactive

Team Building Outdoor Activity: Aperitivo Milanese

Kickstart your evening in style at our headquarters with a tantalizing aperitivo experience, where flavours mingle and laughter flows.

17 November 2024 (Day 2)

Time	Topic	Speaker	Format
08:30-09:00	Welcome Coffee and Registration		
09:00-09:45	Measurements of the left ventricle	Dr. T. Vezzosi	Theory
09:45-10:30	Measurements of the left atrium	Dr. T. Vezzosi	Theory
10:30-11:00	Coffee break		
11:00-12:30	Colour and Spectral Doppler Studies	Dr. L. Ferasin	Theory
12:30-13:00	Questionnaire and Discussion		Interactive
13:00-14:00	Lunch		
14:00-15:30	Left parasternal echocardiographic views	All	Hands on
15:30-16:00	Coffee break		
16:00-17:30	Left parasternal echocardiographic views	All	Hands on
17:30-18:00	Q&A and Wrap for The Day		Interactive

Team Building Outdoor Activity: Candle Light Concert

Experience the magic of candlelight concerts, where melodies come alive amidst a sea of flickering flames, casting a warm glow of musical enchantment.

Please note that the date of the activity may vary depending on the scheduling of concerts.

18 November 2024 (Day 3)

Time	Topic	Speaker	Format
08:30-09:00	Welcome Coffee and Registration		
09:00-10:30	Echocardiography of canine mitral valve disease	Dr. T. Vezzosi	Theory
10:30-11:00	Coffee break		
11:00-11:45	Echocardiography of canine cardiomyopathies	Dr. S. Vannini	Theory
11:45-12:30	Echocardiography of pericardial disease	Dr. S. Vannini	Theory
12:30-13:00	Questionnaire and Discussion		Interactive
13:00-14:00	Lunch		
14:00-15:30	Full echocardiographic examination	All	Hands on
15:30-16:00	Coffee break		
16:00-17:30	Full echocardiographic examination	All	Hands on
17:30-18:00	Q&A and Wrap for The Day		Interactive

Team Building Outdoor Activity: Strolling around Milano on a Historic TRAM

Explore Milan's charm on a historic tram, cruising through the city's streets as history unfolds around you.

19 November 2024 (Day 4)

Time	Topic	Speaker	Format
08:30-09:00	Welcome Coffee and Registration		
09:00-10:30	Echocardiography of the most common congenital abnormalities	Dr. F. Marchesotti	Theory
10:30-11:00	Coffee break		
11:00-11:45	Echocardiography of feline cardiomyopathies	Dr. L. Ferasin	Theory
11:45-12:30	How to report echocardiographic findings	Dr. L. Ferasin	Theory
12:30-13:00	Questionnaire and Discussion		Interactive
13:00-14:00	Lunch		
14:00-15:30	Full echocardiographic examination	All	Hands on
15:30-16:00	Coffee break		
16:00-17:30	Full echocardiographic examination	All	Hands on
17:30-18:00	Q&A and Wrap for The Day		Interactive

Team Building Activities

The dates of the activities may be subject to changes depending on the availability of the service providers.

Saturday 16th November 2024

At the end of the lectures, a Milanese-style aperitivo will be waiting for you. It will be an opportunity to break the ice and get to know each other while sipping on a good cocktail and enjoying delicious finger foods.



Included with the registration



Sunday 17th November 2024

Join us for an unforgettable experience with Candle Light: concerts shrouded in darkness, illuminated only by the vibrant flame of countless candles. Immerse yourself in a captivating atmosphere where music merges with the warmth of flickering lights.

Included with the registration

Monday 18th November 2024

Hop on a historic Milanese tram and immerse yourself in a fascinating journey through the city's iconic landmarks! This itinerary will take you through some of the most famous spots in Milan, offering you a unique and memorable experience. From Santa Maria delle Grazie to the Arch of Peace, from the Duomo to the skyscrapers, passing through Piazza della Repubblica, La Scala, the Navigli and the Darsena. A unique journey to discover the best of the city.



Included with the registration

Course fees

EARLY BIRD REGISTRATION: € 2.000 + VAT

within 16/09/2024 unless SOLD OUT

LATE REGISTRATION: € 2.200 + VAT

within 03/11/2024 unless SOLD OUT

SPECIAL FEE FOR ESVC MEMBER: €1.800+VAT

Please send to segreteria@univet.it a document certifying that you are an ESVC Member to obtain the discount code.



SPAZIO EVENTI UNISVET

Via Salvator Rosa 14, Milano



INFORMATION

- Registrations will close on the date indicated above, unless the maximum number of participants is reached before this deadline (SOLD OUT)
- In no case the registration fee will be refunded, not even a partial amount of it, except in case of cancellation of the course by Unisvet
- In the event that the participant, after having paid the registration fee, can no longer attend the course, he will still have to pay the entire contribution fee and the sums already paid cannot be refunded.

REGISTRATION WILL BE CONFIRMED IF

- You will receive a confirmation from UNISVET within 3 weekdays; otherwise, please contact our secretary office
- In case of payment with wire transfer, please send iscrizioni@univet.it the copy of the payment within 48 hours; otherwise, the registration will be canceled automatically with no further communications.

REGISTRATION

- [CLICK HERE](#) to register
- Only Unisvet members can register for the course (Unisvet membership is free)



THE REGISTRATION ENTITLES TO

- Participation in the course
- Course proceedings
- Technical material for hands on sessions
- Team Building Outdoor Activities
- Attendance certificate
- SPC credit, only for Italian vets
- Coffee break and Lunches



Please let us know if you have any food allergies or if you require a special diet



CONTACTS

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Organized by:



Vers. 17/04/2024