

October 14th–18th 2024
Valencia, Spain

COURSE DIRECTOR

Prof. Roberto A. Santilli DVM, PhD, D.E.C.V.I.M.-C.A. (Cardiology)
Adjunct Professor of Cardiology – Cornell University - USA

ARR HYTH MIAS BOOT CAMP

From ECG Interpretation to Treatment

SPEAKERS

Prof. N. Sydney Moïse DVM, MS, D.A.C.V.I.M. (Cardiology and Internal Medicine)
C. V. Starr Professor of Cardiology – Cornell - USA

Prof. Romain Pariaut DVM, D.A.C.V.I.M. (Cardiology) - D.E.C.V.I.M.-C.A. (Cardiology)
Associate Professor of Cardiology – Cornell - USA

Dr. Manuela Perego DVM, D.E.C.V.I.M.-C.A. (Cardiology)

Prof. Roberto A. Santilli DVM, PhD, D.E.C.V.I.M.-C.A. (Cardiology)
Adjunct Professor of Cardiology – Cornell University - USA



Lectures will be held all in English 

INTRODUCTION

This 5-day course will provide comprehensive coverage of canine and feline arrhythmias, from electrophysiological mechanisms to advanced ECG interpretation and treatment.

It includes didactic lectures, interactive sessions and more than 5 hours of hands-on ECG interpretation with additional time for questions and individual attention.

The main topics covered:

- Correlation between cardiac physiology and arrhythmias
- Advanced interpretation of the 12-lead ECG and the 24-hour Holter
- The diagnosis and management of supraventricular and ventricular tachyarrhythmias
- The diagnosis and management of bradyarrhythmias, including pacemaker therapy

This course is designed for cardiology residents, veterinary cardiologists, and non-specialists with a strong interest in cardiology and some experience in ECG interpretation.

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DAY 1

MONDAY OCTOBER 14TH

14:30 | Welcome and introduction

14:45 | Review of the anatomy and electrophysiologic properties of the conduction system Prof. R. Pariaut

16:30 | Coffee break

17:00 | Principles of electrocardiography and lead systems, ECG waveform formation and ECG interpretation Prof. R. Santilli

18:30 | Discussion



18:30 | LIGHT REFRESHMENT
19:00 |

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DAY 2

TUESDAY OCTOBER 15TH

- 09:00** | **Relating the mechanism of arrhythmias and conduction to treatment** Prof. N. S. Moïse
- 11:00** | Coffee break
- 11:30** | **Classification of arrhythmias** Dr. M. Perego
- 11:55** | **Atrial fibrillation** Prof. R. Pariaut
- 13:00** | Lunch break
- 14:30** | **Supraventricular tachycardias** Prof. R. Santilli
- 16:30** | Discussion
- 17:00** | **End of the sessions**

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DAY 3

WEDNESDAY OCTOBER 16TH

09:00 | **Ventricular arrhythmias** Prof. R. Pariaut

10:30 | Coffee break

11:00 | **Familial ventricular arrhythmias** Prof. R. Santilli

12:00 | **Importance of recognizing hemodynamic reflexes in cardiovascular disease** Prof. N. S. Moïse

13:00 | Lunch break

14:30 | **Workshop on supraventricular and ventricular arrhythmias**
Prof. N. S. Moïse, Prof. R. Pariaut, Dr. M. Perego, Prof. R. Santilli

17:00 | End of the sessions

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DAY 4

THURSDAY OCTOBER 17TH

- 09:00** | **Atrioventricular and intraventricular conduction disturbances**
Prof. R. Santilli
- 10:30** | Coffee break
- 11:00** | **Step by step Holter analysis recordings** Prof. N. S. Moïse
- 13:00** | Lunch break
- 14:30** | **Diagnosis and treatment of sinus node and AV nodal disorders**
Prof. N. S. Moïse
- 16:00** | **Others bradyarrhythmias** Dr. M. Perego
- 17:00** | **Workshop on bradyarrhythmias and bundle branch block**
Prof. N. S. Moïse, Prof. R. Pariaut, Dr. M. Perego, Prof. R. Santilli

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DAY 5

FRIDAY OCTOBER 18TH

- 09:00** | **Pacemaker therapy and electrocardiography in animals with pacemakers** Prof. N. S. Moïse
- 10:00** | **Treatment of supraventricular tachycardias** Prof. R. Santilli
- 11:00** | Coffee break
- 11:30** | **Treatment of ventricular tachycardias** Prof. R. Pariaut
- 12:30** | **Case discussion**
Prof. N. S. Moïse, Prof. R. Pariaut, Dr. M. Perego, Prof. R. Santilli
- 13:30** | Conclusion

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COURSE DIRECTOR



Prof. Roberto A. Santilli DVM, PhD, D.E.C.V.I.M.-C.A. (Cardiology)
Adjunct Professor of Cardiology – Cornell University - USA

Roberto Santilli graduated from the College of Veterinary Medicine of the University of Milan in 1990. He became an European specialist in cardiology in 1999. Between 2004 and 2006, he completed a Master in Electrophysiology and electrical stimulation at the University of Medicine of Insubria. He then obtained a PhD at the University of Turin – College of Veterinary Internal medicine in 2010. Roberto Santilli is the head of the cardiology departments of the Clinica Veterinaria Malpensa - Anicura in Samarate, Varese (Italy) and of the Ospedale Veterinario I Portoni Rossi - Anicura, Bologna (Italy). Since 2014, he has been an Adjunct Professor of Cardiology at the Cornell University College of Veterinary Medicine, where he is actively involved in the activities of the cardiac electrophysiologic laboratory. His main research activities include the diagnosis and treatment of arrhythmias in dogs and cats.

SPEAKER



Prof. N. Sydney Moise DVM, MS, D.A.C.V.I.M. (Cardiology and Internal Medicine)
C. V. Starr Professor of Cardiology – Cornell - USA

Prof. Moise is involved in teaching, clinical practice, and research. Her research has centered on arrhythmias in dogs. Currently, her research is directed toward the normal and abnormal patterning of cardiac rhythms during long-term Holter analysis. She also has orchestrated collaborative studies to understand the mechanisms of degeneration of the mitral valve in dogs. She was awarded the AVMA research award for arrhythmia studies in German shepherds and the Bourgelat Award for international contribution to the clinical practice of veterinary medicine. Dr. Moise was Editor-in Chief (5 years) and Associate Editor (2 years) of the international Journal of Veterinary Cardiology. Previously, she coedited and authored with Dr. Philip Fox and David Sisson the textbook Canine and Feline Cardiology. In 2018 the textbook Electrocardiography of the Dog and Cat authored by Drs. Roberto Santilli, N. Sydney Moise, Romain Pariaut and Manuela Perego. She is currently working on her book Heartbeats..Over Time (Long-term Electrocardiographic Monitoring in the Dog and Cat). She is extensively involved in the international aspects of academic veterinary cardiology including speaking and training.

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SPEAKER



Prof. Romain Pariaut DVM, D.A.C.V.I.M. (Cardiology) - D.E.C.V.I.M.-C.A. (Cardiology)
Associate Professor of Cardiology - Cornell - USA

Romain Pariaut has been practicing veterinary cardiology since 2002. He received his DVM from the National School of Veterinary Medicine (ENVL) in Lyon, France. He stayed in Lyon as a small animal rotating Intern, and was then a Clinical Instructor in Emergency and Critical Care. He completed a residency in Veterinary Cardiology at Cornell University in 2005. Prior to joining the faculty at Cornell University, Dr. Pariaut was an Associate Professor and Service Chief of Cardiology at Louisiana State University. His emphasis is on interventional cardiology and arrhythmia management. Dr. Pariaut is also an Associate Editor of the Journal of Veterinary Cardiology. He is board certified by the American College of Veterinary Internal Medicine (ACVIM) and the European College of Veterinary Internal Medicine (ECVIM-CA).

SPEAKER



Dr. Manuela Perego DVM, Dipl. ECVIM - CA (Cardiology)

Manuela Perego graduated from the University of Milan in 2003. In 2003 she started a collaboration at the Malpensa Veterinary Clinic - Anicura (Samarate-VA) and in 2012 at the I Portoni Rossi Hospital - Anicura (Zola Predosa-BO) dealing with echocardiography, arrhythmology and interventional cardiology procedures. In 2019 she obtained the European Diploma of Internal Medicine Specialty of Cardiology. She is author of articles related to cardiology and arrhythmology in Italian and international journals, of the book *Electrocardiography of the dog and cat* (2009, Elsevier-2018 Edra) and co-author of the book *Manual of Cardiology of the dog and cat* (2012, Elsevier). She has been a speaker at various Italian and International Congresses.

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COURSE FEE:

- **€ 1.500** Resident of European, American Veterinary Colleges and ESVC Members*
- **€ 2.000** Other

Subscription must be done online within 14th September 2024

* Please send at segreteria@univet.it a document certifying that you are Resident of European and American Veterinary Specialist Colleges or ESVC Member

This is a restricted access course with a maximum number of **100 PARTICIPANTS**

COURSE AND PAYMENT INFORMATION

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- The registration will be confirmed only if followed, within 48 hours from the **copy of the payment bank transfer** (sent by fax or e-mail); otherwise the registration will be cancelled as a matter of course with no further communications
- You should take the registration process as confirmed when you receive a confirmation SMS (within 2 or 3 weekdays); otherwise please contact our offices

REGISTRATION

- Only UNISVET members can register for the course
- To become a member, register at www.univet.it (UNISVET membership is free)

THE REGISTRATION ENTITLES TO

- Participate to the course
- Course proceedings
- Participation certificate
- Lunches and coffee breaks (Please email to segreteria@univet.it for any **food intolerance and special diets**)



HOTEL VALENCIA OCEANIC AFFILIATED BY MELIA' - VALENCIA (SPAIN)

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FOR MORE INFORMATION [CLICK HERE](#)



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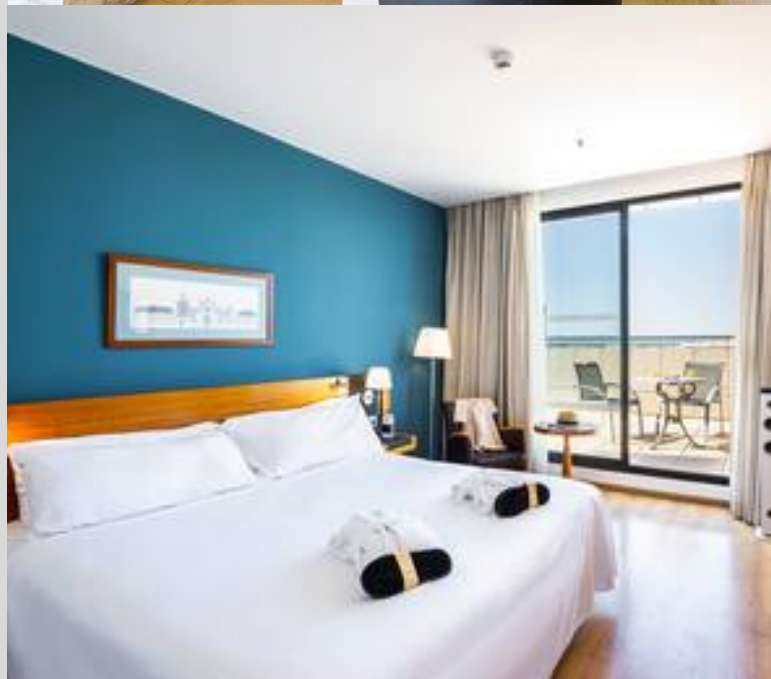
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VALENCIA

Valencia, located on the east coast, it's the third-largest city in Spain. The 2,000-year-old city boasts wide sandy beaches, striking architecture, a buzzing food scene and culture. It's a place full of contrasts, with a charming old town next to futuristic buildings. It represents the perfect Mediterranean city, with a laid back atmosphere and a lot of fascinating traditions.



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MAIN ATTRACTIONS

Valencia is a perfect mix of culture, great cuisine and fun.

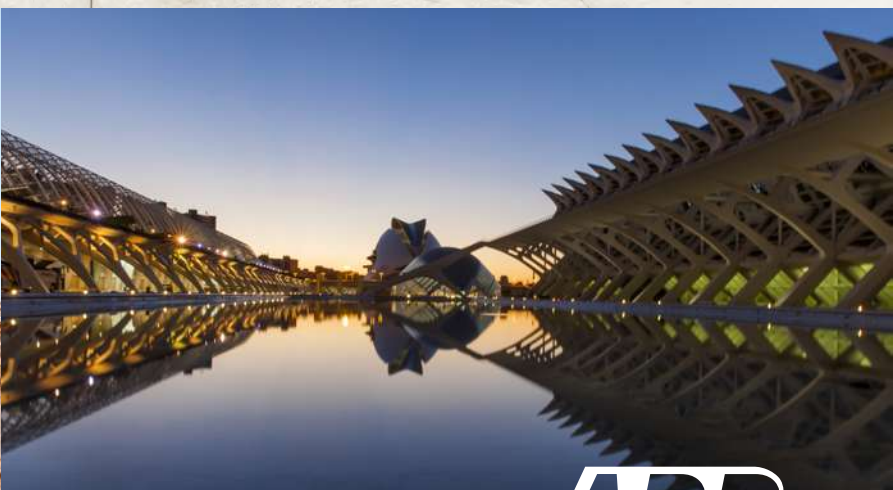
Las Arenas, La Malvarrosa and La Patacona are just some of the long, sandy beaches around Valencia, where you can stretch out a towel and take some time to relax.

If you're into art and architecture, your first stop should be the 13th-century cathedral, which once was a Roman temple and later a mosque. La Lonja de la Seda, a Gothic chamber of commerce that is now a Unesco World Heritage site, is also a must-visit. As well as the City of Arts and Sciences, a cultural and architectural complex: here you can find the Oceanogràfic, the biggest aquarium in Europe.

Valencia is the birthplace of paella, a traditional Spanish dish, appreciated also by the famous writer Ernest Hemingway, who frequently visited the restaurant La Pepica.

The city is rich in green spaces, from the Botanical Garden to the Albufera Natural Park, a nature reserve with almost 250 species of birds.

Spain is also famous for its nightlife, with plenty of bars where you can drink sangria and have a little fiesta!



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