



## Keynote International speakers:

**Etienne Côté & Niek Beijerink (Convener)**

## Australian Speakers:

**Mariano Makara, Erin Mooney,  
Rita Singh & Mariko Yata**



# State of the Heart - Cardiorespiratory Conference



Early Bird: 7 Jan 2018

29 CPD Points

Designed to be practical, relevant and interactive for the busy practitioner, each day will end with interactive discussion and case examples focussing on the best diagnostic and treatment options. The pièce de résistance is the workshop where you will focus on developing and refining your cardiac ultrasound skills and ability to recognise common cardiorespiratory emergencies.

2 x Workshops - limited to 12 participants per session

By attending this conference you can expect to be able to:

- ✓ identify the clinical signs of respiratory disease and cardiovascular disease based on history taking and physical examination findings
- ✓ implement a sound clinical approach (including diagnostic work-up) for symptoms such as coughing and respiratory distress, as can be caused by pulmonary parenchymal diseases, pleural space diseases and diseases of the mediastinum
- ✓ implement a sound clinical approach (including diagnostic work-up) for symptoms such as syncope, ascites, murmurs, sudden paresis/paralysis and arrhythmia
- ✓ describe the diseases that may cause respiratory symptoms or cardiovascular disease
- ✓ discuss management, treatment and prognosis of the major respiratory and cardiovascular diseases seen in small animals

## Conference

Monday 18 – Thursday 21 February 2019 9.00 – 5.00

## Workshop – Limited places

1/2 day workshop (morning or afternoon)

Friday 22 February 2019

## Location

Veterinary Science Conference Centre  
VSCC Regimental Drive, The University of Sydney

## Speakers

Etienne Côté DVM Dipl. ACVIM

Niek Beijerink DVM PhD Dipl. ECVIM-CA (Cardiology)

Mariano Makara DrMedVet Dipl. ECVDI

Erin Mooney BVSc DACVECC

Rita Singh BSc BVMS DipVetClinStud FANZCVS Dip ACVIM

Mariko Yata BVSc (hons) MANZCVS (Small Animal Medicine)

# Program

Monday 18 February

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*Note: Each session concludes with a 10 minute Q & A*

## Day 1

- 8.30 REGISTRATION
- 9.00 **Cardiology unplugged: clinical use of the stethoscope in cardiology patients**  
Etienne Côté
- 10.00 **Correlating the echocardiogram with the clinical case**  
Etienne Côté
- 11.00 MORNING TEA
- 11.30 **Principles of interpretation of thoracic radiography**  
Mariano Makara
- 12.30 **Thoracic radiography – case studies**  
Mariano Makara
- 1.30 LUNCH
- 2.30 **ABCs of ECGs**  
Etienne Côté
- 3.30 AFTERNOON TEA
- 4.00 **Biomarkers in cardiology**  
Etienne Côté
- 5.00 END

Tuesday 19 February

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## Day 2

- 8.30 REGISTRATION
- 9.00 **How do I approach a heart murmur in a pup?**  
Niek Beijerink
- 10.00 **Changing views on the treatment of preclinical mitral valve disease**  
Niek Beijerink
- 11.00 MORNING TEA
- 11.30 **Congestive heart failure: current status and treatment approaches**  
Mariko Yata

## Day 2

- 12.30 **Arrhythmia management in dogs**  
Niek Beijerink
- 1.30 LUNCH
- 2.30 **Dilated cardiomyopathy in the dog: clinical diagnosis and treatment**  
Rita Singh
- 3.30 AFTERNOON TEA
- 4.00 **Case studies**  
All the speakers of the day
- 5.00 END

Wednesday 20 February

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## Day 3

- 8.30 REGISTRATION
- 9.00 **Feline cardiomyopathies: clinical presentation and diagnosis**  
Etienne Côté
- 10.00 **Left ventricular hypertrophy: when HCM is not HCM**  
Niek Beijerink
- 11.00 MORNING TEA
- 11.30 **Treatment strategies for feline heart failure**  
Mariko Yata
- 12.30 **Cardiorenal syndrome: seeking the perfect balance in patients with heart and kidney disease**  
Etienne Côté
- 1.30 LUNCH
- 2.30 **Cardiovascular emergencies in cats**  
Etienne Côté
- 3.30 AFTERNOON TEA
- 4.00 **Case studies**  
All speakers of the day
- 5.00 END

Thursday 21 February

## Day 4

8.30 REGISTRATION

9.00 **Respiratory emergencies: evaluation and treatment**

Erin Mooney

10.00 **Top tips to differentiate heart failure from respiratory disease in the dyspneic cat**

Niek Beijerink

11.00 MORNING TEA

11.30 **Cardiac vs. respiratory: solving the frustration in the coughing dog**

Rita Singh

12.30 **The role of computed tomography in cardiorespiratory disease**

Mariano Makara

1.30 LUNCH

2.30 **Case studies**

All speakers

3.30 AFTERNOON TEA

4.00 **Case studies**

All speakers

5.00 END

## Workshop—1/2 day (morning or afternoon)

Friday 22 February

## Day 5

### 2 X WORKSHOPS - LIMITED TO 12 PARTICIPANTS PER SESSION

Highly practical and focused on cardiac ultrasound in the emergency setting, you choose either the morning or afternoon workshop (identical). Your participation will improve your confidence and competence in recognising common cardiorespiratory emergencies. These workshops will be filled on a 'first come, first served' basis.

As ultrasound machines become increasingly affordable and ultrasound training more widespread, veterinarians are increasingly using ultrasound as a point-of-care test. While extensive training is required to identify small or complex lesions with ultrasound, focused ultrasound examinations can be performed competently with limited training. This session with a mix of lectures and hands-on experience will provide training in how to diagnose cardiorespiratory abnormalities such as pleural effusion, pericardial effusion, congestive heart failure, left atrial enlargement, and myocardial failure.

## Speakers



### Etienne Côté

DVM Dipl. ACVIM

Etienne Côté is a veterinary cardiologist and professor at the University of Prince Edward Island's Atlantic Veterinary

College in Canada. He was born and raised in Montreal, Canada, and trained at Cornell University and California Animal Hospital. He is the author or editor of several familiar textbooks, including the Clinical Veterinary Advisor, Feline Cardiology, and Ettinger's Textbook of Veterinary Internal Medicine. His research has produced 20 peer-reviewed articles in veterinary cardiology. His teaching has been recognized with several teaching awards, including induction into Canada's 3M National Teaching Fellowship in 2015. His 5 year-old daughter and one very large Newfoundland dog keep him and his wife busy, and his hobbies include travel, languages, running, hiking, snowshoeing, and Shotokan karate.



### Niek Beijerink

DVM PhD Dipl. ECVIM-CA  
(Cardiology)

Niek Beijerink graduated with a veterinary degree from Utrecht University in The Netherlands.

He completed a PhD (canine endocrinology and reproduction) in 2007 and then a residency in Small Animal Cardiology in 2010. He is a Diplomate of the European College of Veterinary Internal Medicine (Cardiology). In 2011 Niek commenced working as a Specialist in Small Animal Cardiology at Sydney University and was responsible for the clinical service and teaching in this area. Some of his active research interests are heart failure therapy, cardiac CT imaging, and genetics of mitral valve disease in Cavalier King Charles Spaniels. Niek is the tutor in the CVE Cardiorespiratory Medicine Distance Education course.

# Speakers

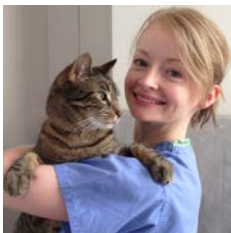


## Mariano Makara

DrMedVet Dipl. ECVDI

Mariano Makara earned his veterinary degree at the University of La Plata, Argentina. In January 2005, he began a radiology

internship with Ross University, School of Veterinary Medicine, under the guidance and direction of Dr. Joe Morgan, where a significant part of his responsibilities included reading radiographs and performing ultrasound examinations. He then moved to the University of Zurich in Switzerland where he completed a residency program in diagnostic imaging and passed his certification exams for the European College of Veterinary Diagnostic Imaging in March 2010. Following this he was promoted to Assistant Professor at the University of Zurich where he was responsible for each of the diagnostic modalities including diagnostic radiology, ultrasound, and CT in both small and large animals. He has also served as an Associate Professor at St. George's University. His research interests have centred around computed tomography angiography and he has completed research projects in thoracic computed tomography angiography contrast medium injection technique and use in diagnosis of infections with *Angiostrongylus vasorum* in dogs. Mariano is currently the Senior Lecturer in Diagnostic Imaging, at the Faculty of Veterinary Science, Sydney University.

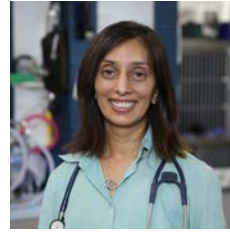


## Erin Mooney

BVSc DACVECC

Erin graduated with honours from the University of Sydney in 2007. Following graduation she undertook an internship in small animal

medicine and surgery at a referral hospital in Connecticut, USA. This was followed by a residency in small animal emergency and critical care (E/CC) at Tufts University in Massachusetts, a world-leading centre for E/CC training and clinical research. Erin became a Diplomate of the American College of Veterinary Emergency and Critical Care in 2012. Following her residency, Erin returned to Australia to work as a specialist clinician and lecturer at the University of Melbourne, a role that fostered her passion for teaching and research. Erin's clinical interests lie in pulmonary disease, mechanical ventilation, trauma, transfusion medicine, and peri-operative care. Erin is delighted to be back in her home city of Sydney. She was the first full-time ECC specialist in NSW and is also involved with student teaching at the University of Sydney.



## Rita Singh

BSc BVMS DipVetClinStud FANZCVS  
Dip ACVIM

Registered Specialist in Veterinary  
Cardiology

Rita obtained her veterinary degree from Murdoch University in Perth, WA in 1995. After a two-year stint in the UK, she returned to Australia to complete a rotating internship in Small Animal Medicine and Surgery at the University of Sydney. This was followed by a three-year residency in Small Animal Internal Medicine at the Veterinary Specialist Centre in Sydney. It was during this time as a resident that she came to realize that cardiology was her true passion. In 2008 Rita commenced a cardiology residency at the University of California, Davis and became a Diplomate of the American College of Internal Medicine in Cardiology in 2011. Rita loves all aspects of veterinary cardiology but particularly enjoys treatment of arrhythmias, performing surgical and interventional procedures and the more unusual aspects of the specialty such as the echocardiography of exotic species.



## Mariko Yata

BVSc (hons) MANZCVS (Small  
Animal Medicine)

Mariko graduated from the University of Sydney with first class honours in 2007 and began

working in a small animal general practice in Canberra. Since moving back to Sydney in 2009, she worked as an emergency and critical care veterinarian at referral clinics across Sydney. Mariko completed a rotating internship at the Small Animal Specialist Hospital in 2011 and subsequently obtained her membership in small animal medicine with the Australian and New Zealand College of Veterinary Scientists. She has an interest in the field of veterinary cardiology and, in 2013, commenced a PhD investigating therapeutics of canine and feline congestive heart failure under the supervision of Dr Niek Beijerink. Throughout Mariko's PhD candidature, she has also worked with Dr Niek Beijerink in the cardiology service at the UVTHS.

Register online

[cve.edu.au/conference/cardiology-0](http://cve.edu.au/conference/cardiology-0)

Or, send us your registration by

Fax: +61 2 9351 7968

Post: CVE – Level 2, VSCC Regimental Drive  
The University of Sydney NSW 2006

### 1. Registrant details

I am a CVE Member:  Yes  No

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### 2. Become a CVE Member to claim discounted member rates

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<input type="checkbox"/> Part-time Professional member*	\$195
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<input type="checkbox"/> Academic member*	FREE
<input type="checkbox"/> Student member*	FREE

\*Please enclose proof that you qualify for this membership category with your application. e.g. Student ID, payslip or statutory declaration.

For more information on benefits, visit: [cve.edu.au/membership](http://cve.edu.au/membership)

Note: Membership fees will increase by 5% as from 1 January 2019

#### Terms and Conditions:

Cancellations may incur a fee. Cancellation fees will be waived if a credit note is requested for the full amount of the course fee, and must be used within 12 months. CVE will not be liable for any loss suffered as a result of cancellation or change, including travel or other costs incurred. All the information is correct at the time of going to print. The CVE reserves the right to alter the program, date and speakers for the course.

For full terms please visit: [cve.edu.au/terms-policies](http://cve.edu.au/terms-policies)

### 3. Registration type

	Early Bird	Full Rate
<b>Conference + Workshop (5 days)</b>		
<input type="checkbox"/> Morning <input type="checkbox"/> Afternoon		
<input type="checkbox"/> Member*	\$2,485	\$2,620
<input type="checkbox"/> Recent Grad member <input type="checkbox"/> Part-time member	\$1,810	\$1,910
<input type="checkbox"/> Student Member	\$1250	\$1325
<input type="checkbox"/> Non-member	N/A	\$3,170
<input type="checkbox"/> eMember		

<b>Single day registration</b> <input type="checkbox"/> Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed <input type="checkbox"/> Thu		
<input type="checkbox"/> Member*	\$563	\$593
<input type="checkbox"/> Recent Grad member <input type="checkbox"/> Part-time member	\$352	\$371
<input type="checkbox"/> Student member	\$176	\$185
<input type="checkbox"/> Non-member	N/A	\$741

Member\* includes: Practice, Professional & Academic members.

Note: All course fees will be charged in Australian dollars.



Early Bird Rates expire 7 January 2019

### 4. Payment

Credit card:  Visa  Mastercard  Amex

Amount authorised to charge: \$.....

Card No:.....

Name on Card:.....

Signature:..... Expiry Date:...../.....