



Advanced Echocardiography Workshop

This course is designed to give the participant a more advanced understanding of small animal echocardiography.

Major topics include in-depth cardiac anatomy and physiology, techniques for achieving high-quality results, case presentations of important diseases and hands-on scanning of normal dogs. Skills taught in this hands-on sessions include pulse wave Doppler, continuous wave Doppler, colour flow Doppler, special measurements and calculations and applying the Bernoulli equation to clinical cases.

The participants will practice in hands-on sessions with the experienced instructor, where individual coaching of how to obtain echocardiographic views and Doppler-measurements taught in the lectures will be the main focus.

Requirements: Please note this workshop is only available to individuals who have completed the Basic Echocardiography Workshop, or who can provide evidence of equivalent experience (to be established at the presenter's discretion).



Early Bird Rates expire 26 August 2017.

11 CPD Points

Date / Time

Saturday 7 October 2017
8.30 – 5.00

Tutors

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

Geoff Nicolson
BVSc (Hons I)

Venue

Veterinary Science
Conference Centre
The University of Sydney

Wednesday 18 October

Seminar

- 8.30 REGISTRATION
- 9.00 **Lecture**
Technical Aspects & Influence Factors affecting PW & CW Doppler
- 9.45 **Lecture**
How, Where & What to Measure using PW & CW Doppler
- 10.30 MORNING TEA
- 10.50 **Demonstration**
Flow, PW & CW Doppler Echocardiography
Probe placement, manipulation, obtaining standard views
- 11.00 **Practical**
Echocardiographic Training Session
Colour flow, PW and CW Doppler
- 12.30 LUNCH
- 1.00 **Lecture**
Echocardiography from the Left
Hemothorax & Subcostal View
- 1.45 **Lecture**
Echocardiographic Training Session
Left-sided and subcostal measurements
- 2.30 AFTERNOON TEA
- 2.50 **Practical**
Echocardiographic Training Session
The complete echocardiogram using 2D, M-mode, colour flow Doppler, PW Doppler, and CW Doppler measurements
- 5.00 **Lecture**
Problem Based Echocardiography
A practical approach to heart diseases in dogs and cats
- 5.45 END

Bios



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 is responsible for the clinical service and teaching in this area. Some of his active research interests are heart failure therapy, cardiac CT imaging, and stem cell therapy for heart disease. Niek is a co-tutor in the CVE Cardiorespiratory Medicine Distance Education course.



Geoff Nicolson

BVSc (Hons I)

Geoff graduated from the University of Queensland with a Bachelor of Veterinary Science in 2011. He has always been very

passionate about cardiology and knew from the early years of veterinary school he would pursue specialisation in this field. He completed a one-year general rotating internship at the University of Queensland Small Animal Clinic and Veterinary Teaching Hospital in 2012. Geoff joined the Sydney University Veterinary Teaching Hospital (UVTHS) in 2013 and is enrolled in a 3 year residency program in Small Animal Cardiology under the supervision of Dr Niek Beijerink. Geoff also consults on internal medicine cases in the referral medicine service.

The Basic Echocardiography workshop is designed to give you a basic understanding of small animal (dog and cat) echocardiography...

Workshop

Saturday 1 April 2017 Brisbane

Friday 6 October 2016 Sydney



Major topics include ultrasound principles, normal cardiac anatomy and physiology, techniques for achieving quality 2D and M-mode images and results, case presentations of important diseases / emergency cases, and hands-on scanning of normal dogs.

You will have the opportunity to practice in hands-on sessions with an experienced instructor, where individual coaching of how to obtain 2D and M-mode echocardiographic views and measurements taught in the lectures will be the main focus.

Requirements: No prior experience or knowledge is required to participate in this workshop.

For more information, visit:

cve.edu.au/workshop/basic-echocardiography

Enquiries

For any further enquiries or to speak to a customer service representative, please email: cve.enquiries@sydney.edu.au or call us at +61 2 9351 7979.

Register online

cve.edu.au/seminar/cytology

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

Member Type:.....

First Name:.....

Surname:.....

Practice Name:.....

Address:.....

Suburb:..... State:.....

Postcode:..... Tel:.....

Email:.....

2. Member type

	Early Bird	Full Rate
<input type="checkbox"/> Member*	\$1,277	\$1,345
<input type="checkbox"/> Non-member	N/A	\$1,494

Member* includes: Practice, Professional, Part-time Professional, Recent Graduate, Student & Academic members.

 **Early Bird Rates expire 26 August 2017.**

3. Become a CVE Member

	Annual Fee
<input type="checkbox"/> Practice membership	\$660
<input type="checkbox"/> Professional member	\$370
<input type="checkbox"/> Part-time Professional member	\$185
<input type="checkbox"/> Recent Graduate member	\$185
<input type="checkbox"/> Academic member	FREE
<input type="checkbox"/> Student member	FREE

For more information on membership benefits, visit: cve.edu.au/membership

4. Payment

Credit card: Visa Mastercard AMEX

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

Card No:.....

Name on Card:.....

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

All course fees will be charged in Australian dollars and include GST.