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Back to Basics: Diagnostic Ultrasound Workshop

All you need to know and understand to get you scanning with confidence.

Gain confidence with your ultrasound by understanding the principles and applying these in a practical hands-on one day workshop. Your expert tutors will help you develop a greater understanding of diagnostic ultrasonology to allow you to conquer your fears and scan with confidence.

This course is designed to provide participants with basic principles of abdominal ultrasonography. Topics covered in this workshop will help participants acquire high-quality images and interpret common diseases of the abdomen. Lectures will review basic physics of diagnostic ultrasound, principles of image formation, and interpretation of principles. The practical component will include scanning dogs in groups of no more than 3 people.

11 CPD Points

Date / Time

Friday 27 or Saturday 28
October 2017
8.00 – 5.00

Venue

National Veterinary Care
1/28 Burnside Road
Ormeau QLD

Tutors

Jennifer Chau
BVSc (Hons) MANZCVS
GradDipVetClinStud
Timothy Foo
BSc BVMS MANZCVS
(Radiology)



Early Bird Rates expire 15 September 2017



Workshop

- 8.00 REGISTRATION
- 8.30 LECTURE
Brief Review of Physics of Ultrasonography
Jennifer Chau
Practical considerations:
 - Interaction of ultrasound with matter and its influence on image formation
 - Understanding artefacts in abdominal ultrasonography
 - How to choose a transducer: transducer shapes, types and frequencies
 - Basic scanner controls
 - Basics of doppler
- 9.30 LECTURE
Ultrasonographic Features of the Normal Canine Abdomen & Approach to Common Abnormalities
Jennifer Chau
Part 1:
 - Liver
 - Spleen
 - Adrenal glands
- 10.30 MORNING TEA
- 10.45 LECTURE
Ultrasonographic Features of the Normal Canine Abdomen & Approach to Common Abnormalities
Jennifer Chau
Part 2:
 - Pancreas
 - GI tract
 - Urinary
 - Reproductive
- 11.45 LABORATORY
Hands-on Practical Work Scanning Gelatin Cubes
Jennifer Chau & Timothy Foo
 - How to identify gas, bone, fluid and parenchymal structures
 - Image orientation and principles of ultrasound guided FNA
 - Sampling objects within the gelatine cubes

- 12.15 LUNCH
- 1.00 LECTURE
Review of Abdominal Anatomy
Jennifer Chau & Timothy Foo
- 1.30 LABORATORY
Lab Scanning Demonstration
Jennifer Chau & Timothy Foo
- 2.00 LABORATORY
Abdominal Ultrasonography Technique
Jennifer Chau & Timothy Foo
(Hands-on practical work scanning normal dogs in Small groups of 3)
 - Recognise the ultrasonographic appearance of normal intra-abdominal structures including the liver, spleen, kidneys, urinary bladder, pancreas, GI tract and adrenal glands
 - Review and practice the scanning technique used to scan those structures
- 5.00 END

Enquiries

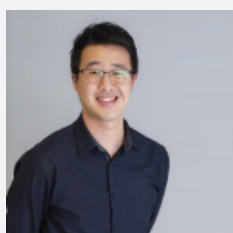
For any further enquiries or to speak to a customer service representative, please email: cve.enquiries@sydney.edu.au or call us at +61 2 9351 7979.



Jennifer Chau

BVSc (Hons) MANZCVS
GradDipVetClinStud

Jennifer Chau graduated from vet school at the University of Sydney in 2007. She spent 3 years in private practice and developed an interest in ultrasound. Jennifer went onto obtain a Postgraduate Diploma in Veterinary Clinical Studies during her internship at the University Veterinary Teaching Hospital Sydney. This led to a 3-year Masters degree and residency program in Veterinary Diagnostic Imaging. Jennifer obtained Fellowship to the Veterinary Radiology Chapter of the ANZCVS in 2017. Her current PhD topic is on hepatobiliary imaging using contrast enhanced computed tomography. Jennifer enjoys working in a veterinary teaching hospital and helping undergraduate veterinary students to achieve their learning goals. She also appreciates the opportunity to be amongst other experts in the field to engage in a multi-disciplinary approach to veterinary science.



Timothy Foo

BSc BVMS MANZCVS (Radiology)

Timothy has recently become a part of the University Veterinary Teaching Hospital imaging family. A native of Western Australia,

Tim has already achieved Australian Membership status in radiology and has a thirst for knowledge and all things radiology. Trained as a classical musician, Tim is meticulous and thorough in his approach to imaging and we look forward to working with him more as he grows into a budding radiologist. Tim is particularly interested in thoracic imaging and respiratory disease.

Register online

cve.edu.au/workshop/ultrasound/oct

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

Select day: Fri 27 Oct Sat 28 Oct

Member* \$1,277 \$1,345

Non-member N/A \$1,494



Early Bird Rates expire 15 September 2017.

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

3. Become a CVE Member

Annual Fee

Practice membership \$660

Professional member \$370

Part-time Professional member \$185

Recent Graduate member \$185

Academic member FREE

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.