



Distance Education

Diagnostic Imaging: Musculoskeletal

135 CPD Points

Make the most of your imaging equipment to increase your diagnostic accuracy and confidence for every single case.

Musculoskeletal radiography may seem easy, but this comprehensive course will take your understanding of skeletal imaging and pathology to a new level.

As well as conventional radiography, we will introduce ultrasound, CT and MRI where appropriate, as these modalities are becoming increasingly critical for mapping disease processes and understanding abnormalities of the skeletal and nervous systems. CT, in particular, is useful for unravelling mysteries of structures with complex anatomy, such as the skull.

Course dates

1 May –31 August 2019
3 Modules (+ intro module)
Delivered online

Workshop

1-Day Workshop
Date: TBC

Tutors

Sarah Davies
BVSc MS DACVR Assoc.
MANZCVS

Robert Nicoll – intro module
BSc (Vet) BVSc DACVR



Super Early Bird: 30 September 2018
Early Bird: 31 January 2019

About the course

Is this course right for me?

Musculoskeletal Imaging is for you if you're keen on:

- ✓ Reviewing your knowledge of musculoskeletal anatomy and pathophysiology
- ✓ Improving your ability to detect and diagnose osteochondral disease in the shoulder, stifle or tibiotarsal joint
- ✓ Furthering your knowledge of developmental and degenerative types of orthopaedic disease
- ✓ Improving your ability to differentiate benign from malignant bone and joint disease
- ✓ Understanding the role that alternate imaging modalities such as ultrasound, nuclear medicine, CT and MRI can play in investigating elbow dysplasias, shoulder tendinopathies and complex traumas

Not convinced you need this course? Take this test:

cve-usyd.typeform.com/to/HlwpuK

Learning outcomes

By successfully completing this course, you will:

- ✓ Improve your radiologic expertise as it applies to radiography of musculoskeletal structures
- ✓ Increase your understanding of the comparative radiographic appearance of aggressive and benign bone disease
- ✓ Be able to evaluate radiographic changes that involve joints of the axial and appendicular skeleton
- ✓ Understand when advanced imaging studies such as CT and MRI are more useful than routine survey radiography

Modules

1. Compulsory Introductory Module*
2. The Appendicular Skeleton
3. The Axial Skeleton
4. The Joints

*The introductory module is a pre-requirement for each imaging course (Thoracic, Abdominal, Musculoskeletal). If you complete the introductory module in one of the courses, you will not be required to complete it again should you register for one of the other imaging courses.

Course Delivery

This online course comes with:

- ✓ A set of detailed written notes, images and videos
- ✓ Self-assessed quizzes to test your knowledge and understanding
- ✓ A discussion forum for conversation, debate and sharing cases with your peers and tutors
- ✓ A monthly assignment based on case studies and technical skills. Individual feedback and explanations will be provided by your tutors
- ✓ A 1 day workshop to put into practice the knowledge you have gained by working through case studies

Tutors



Sarah Davies

BVSc MS DACVR Assoc. MANZCVS

Sarah Davies graduated from The University of Sydney in 2003. Following completion of small animal rotating internships in

Adelaide (Adelaide Veterinary Specialist and Referral Centre) and at The Ohio State University (Veterinary Teaching Hospital) she completed a residency in diagnostic imaging at the Virginia Maryland Regional College of Veterinary Medicine, VA. Sarah now works in private practice with Graeme Allan and Robert Nicoll (Veterinary Imaging Associates). VIA provides a remote image interpretation and mobile imaging service to the Sydney area. Sarah has experience teaching undergraduate students at the University of Adelaide and has a particular interest in ultrasound, MRI and CT of musculoskeletal disease.



Robert Nicoll

BSc (Vet) BVSc DACVR

Prior to specialising in diagnostic imaging, Robert worked in mixed veterinary practice for several years in Bathurst, NSW. After undertaking

his residency training at the University of Wisconsin, Madison, USA, he returned to Australia and with Graeme Allan, Robert formed Veterinary Imaging Associates and subsequently, their teleradiology practice Online-Vets.com, providing an international diagnostic service. In addition to private referral practice, he worked as a clinical consultant in diagnostic imaging and taught veterinary students at The University of Sydney from 1997 until 2008. Robert has been a tutor in the Diagnostic Imaging Distance Education

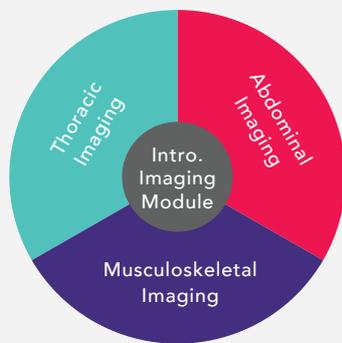
course for the Centre of Veterinary Education since 1998. Robert is an associate editor of Veterinary Radiology and Ultrasound and also of The Australian Veterinary Journal.

Diagnostic Imaging Program

This course is part of our year-long Diagnostic Imaging Program which has been broken down into 3 parts: Abdominal, Musculoskeletal and Thoracic Imaging.

Each is a discrete unit on its own but together they form a formidable educational program in imaging. The introductory imaging module is completed only once when you enrol in the first unit; units may be completed in any order.

The other units are:
Thoracic Imaging with Robert Nicoll; and
Abdominal Imaging with Zoe Lenard



Workshop

Round off the course and see real cases that will help you put into practice the knowledge you have gained.

Pay as you learn

Choosing your DE course is a big commitment, so there's no need to add further stress by paying your course up front. To pay as you learn, you will need a \$1,000 deposit to secure your place, followed by 50% of the total course fee 10 days prior to course commencement date. We'll arrange simple monthly direct debits from your credit card over 3 months.

Note: Payment Plan will incur an additional \$250 administration fee, and Early Bird rates do not apply if you choose the payment plan option.

Register online

cve.edu.au/de/musculoskeletal-imaging-1
Alternatively, complete the registration form ↓

Or, send us your registration by

Fax: +61 2 9351 7968

Post: Centre for Veterinary Education
Veterinary Science Conference Centre
Level 2, B22 Regimental Drive
The University of Sydney NSW 2006

Personal details

I am a CVE Member: Yes No

Membership Category:.....

First Name:.....

Surname:.....

Practice Name:.....

Address:.....

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

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

Email:.....

Course fees

| | Musculoskeletal Imaging Fee | Intro Module Fee |
|---|----------------------------------|--------------------------------|
| Super early bird – expires 30 September 2018 | | |
| Member* | <input type="checkbox"/> \$1,729 | <input type="checkbox"/> \$575 |
| Non-member / eMember | <input type="checkbox"/> \$1,820 | <input type="checkbox"/> \$605 |
| Early bird – expires 31 January 2019 | | |
| Member* | <input type="checkbox"/> \$1,815 | <input type="checkbox"/> \$603 |
| Non-member / eMember | <input type="checkbox"/> \$1,910 | <input type="checkbox"/> \$635 |
| Full course rate | | |
| Member* | <input type="checkbox"/> \$1,872 | <input type="checkbox"/> \$622 |
| Non-member / eMember | <input type="checkbox"/> \$1,970 | <input type="checkbox"/> \$655 |

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

Payment

Credit card: Visa Mastercard AMEX

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

Card No:.....

Name on Card:.....

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

Please note: All course fees will be charged in Australian dollars AND you must be a qualified veterinarian to enrol in this courses.