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Version: January 2019
Introduction

The CVE is proud to release the 2019-2020 CPD Handbook, which follows the same format as last year’s edition, available in both print and downloadable digital copies.

In 2019 there will be three major conferences spread across the year – the first is the State of the Heart 4-Day cardiorespiratory conference to be held in Sydney in February, followed by two 1/2-Day workshops on ultrasonography in the emergency setting. In June, our annual Melbourne conference will be led by two dynamic speakers from the UK – Sophie Adamantos and Mickey Tivers – a husband and wife (critical care and surgery) combination who will engage and captivate the audience, supported by seven excellent local speakers. The September holiday destination conference will be held in Cairns, with 4 days designed to refresh and simplify your approach to neurology and show you how much more can be achieved in general practice. Set in tropical far north Queensland, this conference will feature three outstanding neurologists, who will engage your interest in ways you did not think possible.

In October 2019 the CVE is proud to be hosting the second International One Welfare conference in Sydney. Convened by Anne Fawcett, this conference will attract speakers and participants from around the globe who will explore the interrelationships between animal welfare, human wellbeing and the physical and social environment. It is followed by ‘Four-words, Forwards!’ a 1-Day workshop devoted to mental health and wellbeing for the profession, funded by the proceeds of the Vet Cookbook which the CVE proudly volunteered to produce last year as our way of ‘giving back’.

In response to ongoing demand, we have increased the numbers of workshops throughout the year and broadened the scope, while also trying to hold them at venues across the country. There will be a variety of workshops available: surgery, ultrasound, anaesthesia, avian and exotics. Make sure that you get in early to register for them as workshops fill quickly due to the limited places available, which ensures the quality of the teaching is never compromised.

For those who cannot make it to one of these outstanding face-to-face events, the PodcastPLUS series, TimeOnline and Distance Education programs offer outstanding forms of CPD which can be taken in your own time to fit around the busiest schedules. With new TimeOnline programs being developed each year, the CVE now covers an extensive range of topics which are appealing to both the young and old, part-time or full-time vets and particularly for those needing a refresher course as they contemplate returning to practice.

Finally, thanks to those of you who support our mission through your membership. If you’re not a Member, we’d love you to join in the category which best suits your professional needs. Not only will you enjoy relevant and significant benefits, you will become part of a professional community of like-minded peers dedicated to becoming ‘better vets’.

The CVE remains committed to providing high quality, unbiased continuing education and we look forward to your ongoing support in 2019 and beyond.

Hugh White  BVSc MVSc MANZCVS
Director
Conferences

Concentrated & Intensive CPD | Accessible and practical week-long courses

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**Distance Education**

Premium Online CPD | Master your special interest in these longer, intensive courses

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**PodcastPLUS**

More than just a video podcast | Hour-long CPD completed at a time convenient for you

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A CVE Snapshot in Numbers...

CPD courses to choose from, more to be announced in 2019...

83

TimeOnline topics to choose from

29

CPD courses RACE approved for CE credits – 3 TimeOnline & 2 Distance Education courses

7

New TimeOnline short online courses in 2019...

8

Conferences in 2019 Cardiorespiratory, Critical Care, Neurology & One Welfare

CPD hosted across 8 locations in Australia: Adelaide, Brisbane, Canberra, Cairns, Gatton, Melbourne, Sydney & Townsville
Cardiorespiratory Medicine

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Want to gain the skills and in-depth knowledge required for those tricky cardiorespiratory patients?

Advance your problem solving and clinical skills to develop a rational, pathophysiologically-based approach to treating cardiorespiratory medicine cases. This course will cover common clinical problems in small animal cardiorespiratory medicine, and increase your diagnostic skills and accuracy, enabling you to develop a problem-solving framework that can be applied to all your cases. The course has been completely updated and rewritten to include all recent developments in cardiorespiratory medicine.

Assignments consist of analysis of case studies provided by the tutor and clinical cases encountered in your own practice. Ultimately, this course will encourage problem-oriented thinking and logical case assessment that will carry through into more successful and rewarding management of your cardiorespiratory patients.

By successfully completing this course, you will:

❖ Develop a clear and logical approach to dogs and cats presented with cardiorespiratory problems
❖ Broaden your knowledge base in small animal cardiorespiratory medicine
❖ Gain a greater understanding of key diagnostic modalities such as radiography, electrocardiography, and echocardiography, enabling you to diagnose more accurately
❖ Improve your productivity through more expedient diagnoses
❖ Improve the value of the service you provide to your clients
❖ Gain confidence in your general approach to small animal cardiorespiratory cases

Modules:

1. Normal cardiorespiratory anatomy and physiology, history and physical exam.
2. Radiology of the cardiorespiratory system.
3. Electrocardiography.
4. Echocardiography.
5. Cardiorespiratory therapy
6. Respiratory diseases.
7. Myxomatous mitral valve disease and canine cardiomyopathies.
8. Feline cardiac disease.
10. Systemic arterial hypertension, pericardial disease, and heartworm disease.
State of the Heart - Cardiorespiratory Conference

Conference: Mon 18 - Thu 21 February 2019
Workshop: Fri 22 February 2019
1/2 Day workshop (morning or afternoon)

Limited to 12 participants per session
Veterinary Science Conference Centre
The University of Sydney

This exciting cardiology conference is headlined by international speakers Etienne Côté, well-known co-author and co-editor of *The Textbook of Veterinary Internal Medicine 2017 (The Ettinger)* and Niek Beijerink, well known and popular with Australian vets.

They are joined by renowned Australian speakers: Mariano Makara, Erin Mooney, Rita Singh & Mariko Yata.

Designed to be practical, relevant and interactive for the busy practitioner, each conference 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.

These practical workshops have limited places and will be filled on a ‘first come, first served’ basis so don’t delay registering.

This final 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.

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

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- 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

[cve.edu.au/conference/cardiorespiratory](cve.edu.au/conference/cardiorespiratory)

Early Bird: 7 January 2019
Arrhythmias can produce a broad range of symptoms, from the barely perceptible to cardiovascular collapse.

In the diagnostic work-up of arrhythmias, electrocardiography is the key element.

If you’re like most vets, reading ECGs is probably a little bit of a nightmare! This course will help you develop a step by step guide to the interpretation of ECGs, starting with grasping the concepts of electrocardiography, and the normal ECG. Using case-based material, we will cover the most common ECG abnormalities in dogs and cats and review basic treatment strategies to help you provide better diagnostic and treatment options for your patients and clients.

By successfully completing this course, you will:

❖ Confidently read an ECG and interpret it
❖ Identify the most common ECG abnormalities seen in dogs and cats
❖ Understand the key treatment strategies for canine and feline arrhythmias.

Modules:

1. The normal ECG
2. Canine arrhythmias
3. Feline arrhythmias
4. Antiarrhythmic therapy
Basic Echocardiography Workshop

Sydney | 11 CPD Points

Sydney: Sat 23 February 2019
Veterinary Science Conference Centre
The University of Sydney

Niek Beijerink DVM PhD Dipl. ECVIM-CA (Cardiology)
Mariko Yata BVSc (hons) MANZCVS (Small Animal Medicine)

This small group workshop is designed to give you a basic understanding of small animal (dog and cat) echocardiography.

This workshop is led by Niek Beijerink a leading veterinary cardiologist. Major topics will include ultrasound principles, normal cardiac anatomy and physiology.

Also included will be techniques for achieving quality 2D and M-mode images and results, case presentations of important diseases and emergency cases, as well as plenty of opportunity for hands-on scanning of normal dogs.

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.

Advanced Echocardiography Workshop

Sydney | 11 CPD Points

Sydney: Sun 24 February 2019
Veterinary Science Conference Centre
The University of Sydney

Niek Beijerink DVM PhD Dipl. ECVIM-CA (Cardiology)
Mariko Yata BVSc (hons) MANZCVS (Small Animal Medicine)

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 these 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.

Requirements: This workshop is only available to individuals who have completed the Basic Echocardiography Workshop, or who can provide evidence of equivalent experience.
Heart Murmurs & Coughing in Dogs & Cats TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 5 August – 1 September 2019

Zoe Lenard BVSc (Hons) FANZCVS (Radiology)
Fleur James BSc BVMS (Hons) FACVSc

This course aims to provide practitioners with a sound, evidence-based approach to dealing with heart murmurs in dogs and cats.

Facilitated by Fleur James, an internal medicine specialist, and specialist radiologist Zoe Lenard, this course covers your approach to an orderly diagnosis of murmurs using the tools you have available in practice, specifically recognising the differences between dogs and cats.

Differentiation of cardiac and non-cardiac causes of coughing as well as diagnosing cardiomegaly and heart failure on radiographs should be possible at the conclusion of this practical TimeOnline course.

By successfully completing this course, you will:

❖ Understand how to approach a work up to a heart murmur in a juvenile, middle-aged or older dog or cat
❖ Understand how to diagnose radiographic cardiomegaly in the dog and cat
❖ Understand how to approach a coughing dog or cat in terms of further work up
❖ Have developed an understanding of the radiographic features of left heart failure in the dog and cat

Feline Cardiology TimeOnline

Online | 10 CPD Points

RACE Approved: 10 CE Credits

TimeOnline: 9 September – 6 October 2019

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

The progression in knowledge in feline cardiorespiratory medicine over the last decades has been absolutely breathtaking.

Echocardiography has become more complex (and affordable), new blood tests have appeared, and new drugs have become available. As a result, keeping up with the advances in feline cardiology is challenging.

This course encompasses the new developments and translates the scientific advances into clinically useful information. More specifically, this course will guide you through the initial approach to cardiac disease in cats and review common feline cardiac problems that you will encounter in everyday practice. The backbone of every module will be case-based material supplemented with appropriate literature and video cases where required.

By successfully completing this course, you will:

❖ Learn which subtle (often missed) hints to look for in the physical exam of cardiac cases
❖ Gain an understanding of common presentations such as dyspnoea, acute posterior paralysis, murmur, and syncope
❖ Gain an understanding of when to use which diagnostic aids in the work-up of these common presentations
❖ Review the latest findings on feline cardiomyopathies, their diagnosis and treatment
❖ Develop an approach to the investigation of common feline arrhythmias, congenital heart disease and systemic hypertension

To enrol in these courses, please visit cve.edu.au/tol/heart-murmurs-coughing for Heart Murmurs & Coughing in Dogs & Cats, and cve.edu.au/tol/feline-cardiology for Feline Cardiology.
Small Animal Medicine
Internal Medicine: A Problem Solving Approach

Distance Education

Online | 277 CPD Points

DE: 1 February – 1 November

Workshop/s: 1 x 1-Day workshop and 1 x 2-Day workshop

2019 Course Full | 2020 registrations open March 2019

Jill Maddison  BVSc DipVetClinStud PhD FACVSc
SFHEA MRCVS

Sue Bennett  BSc BVMS MANZCVS FANZCVS

Advance your problem solving skills and develop a rational, pathophysiology-based approach to managing internal medicine cases.

This course will cover common clinical problems in small animal internal medicine. The emphasis will be on problem solving and developing a rational, pathophysiological approach to internal medicine.

It aims to increase your diagnostic accuracy and enable you to develop a problem solving framework that can be applied to all your cases. If you are interested in sitting the small animal medicine membership examinations for the Australian and New Zealand College of Veterinary Scientists (ANZCVS), this is a wonderful preparation for you. Assignments consist of analysis of case studies provided by the tutor and clinical cases encountered in your own practice. This will encourage problem-oriented thinking and logical case assessment that will carry through into more successful and rewarding management of your patients.

By successfully completing this course, you will:

❖ Develop a clear and logical approach to clinical problems
❖ Broaden your knowledge base in small animal medicine
❖ Gain a greater understanding of evaluation of clinical pathology, enabling you to diagnose more accurately
❖ Improve your productivity through more expedient diagnoses
❖ Improve the value of the service you provide to your clients
❖ Gain confidence in your general approach to small animal medical cases

Modules:

1. Clinical reasoning, problem solving, vomiting
2. Diarrhoea
3. Anorexia and Weight Loss
4. Polyuria/Polydipsia and Urinary Incontinence
5. Jaundice, Pale Mucous Membranes and Pyrexia
6. Epistaxis and Haematuria
7. Coughing, Sneezing and Effusions
8. Episodic Weakness and Seizures

I loved this course. It has changed the way I practice as a vet – using a problem solving approach makes much more sense to me and I love it.

Jocelyn Bunny, Dardanup WA

cve.edu.au/de/imps

Super Early Bird: 30 June | Early Bird: 31 October
Internal Medicine: Keys to Understanding
Distance Education

Online | 334 CPD Points

DE: 1 February – 30 November
Workshop/s: 1 x 2-Day workshop

Darren Merrett BVSc MVS CertSAC FACVSc
Jen Brown BVSc FANZCVS
Steve Holloway BVSc MVS PhD MACVSc Dipl. ACVIM

Build your framework of understanding and improve your interpretational skills and mental approach to internal medicine cases.

This course is designed to help you build a problem-solving approach to medicine that encourages you to define the problem, develop a ranked list of differential diagnoses and construct a logical means of investigating/treating the problem/s.

The primary aim of this course is to help you build a framework of understanding (i.e. the ‘big picture’) for key cases and diseases encountered in general practice and to help you interpret key information to reach the correct diagnoses and build the appropriate management plan.

By completing this course, you can expect to develop an approach that is able to be applied confidently across a vast range of internal medicine problems.

By successfully completing this course, you will:

❖ Develop a framework of understanding in the vast field of internal medicine
❖ Improve your interpretation skills
❖ Gain a better mental approach to internal medicine problems
❖ Gain confidence in your general approach to small animal medical cases

Modules:

1. Introduction to the medical way of thinking and respiratory diseases
2. Cardiology
3. Endocrinology 1
4. Endocrinology 2
5. Anaemia and bleeding disorders
6. Gastrointestinal system
7. Hepatic and pancreatic diseases
8. Neurology
9. Urinary tract disease
10. Immunology

cve.edu.au/de/imku
Super Early Bird: 30 June | Early Bird: 31 October
Feline Medicine Distance Education

Online | 348 CPD Points
RACE Approved: 344 CE Credits

DE: 1 February – 30 November 2019 & 2020
Workshop/s: 2 x 2-Day workshop
2-year course! (yearly enrollments)

Want to gain the special skills required for those tricky feline patients?

An unwell cat poses many unique challenges to the small animal practitioner and the difference between managing canine and feline patients (in both the art and the science of veterinary medicine) is well recognised.

This course is designed to reinforce, deepen and broaden your knowledge of feline medicine in a practical, interactive and enjoyable way. In addition, it will provide you with valuable information to make your practice more ‘feline friendly’.

By successfully completing this course, you will:

❖ Review the epidemiology, pathophysiology, diagnosis and treatment of common feline disease
❖ Expand your knowledge on unusual feline conditions
❖ Gain increased confidence in handling feline patients gained through a range of practical advice
❖ Review important developments in feline medicine
❖ Better understand key differences when dealing with certain disease conditions in cats versus dogs
❖ Better understand the pathophysiological responses of cats and gain the special skills needed to confidently treat your tricky feline patients.

Modules:
New module will commence every 2nd month

2019:
❖ February – Urinary Tract Disease
❖ April – Endocrine Disorders
❖ June – Neurology/Musculoskeletal
❖ August – Haematology/Immunology
❖ October – Oncology

2020:
❖ February – Dermatology
❖ April – Respiratory Disease
❖ June – Cardiology
❖ August – Gastrointestinal Disease
❖ October – Infectious Diseases

I thoroughly enjoyed the course. The course content, discussion forum and assignments have helped me to become a better vet. The tutors were fantastic and very encouraging. This course is not just for vets in state-of-the-art referral centres but caters for vets working in small clinics with very little diagnostic equipment.

Jocelyn Bunny, Dardanup WA

Feline Education Partners:
Clinical Pathology Distance Education

Online | 270 CPD Points

DE: 1 February – 30 September
Workshop/s: 1 x 2-Day workshop

Achieve accurate, rapid diagnoses by refining your skills and making the most of in-house clinical pathology.

Do you want to maximise the benefits of your bench-top analyser and in-house pathology? Achieve rapid, cost-effective diagnoses with increased confidence? Ensure that your bench-top analyser is providing accurate information?

The aim of this distance education program is to provide an overview of clinical pathology and assist you in developing and refining your approach to disease diagnosis, while extending the range of tests you can perform and interpret in-house.

This course will expand and refine your diagnostic skills across a range of modalities including biochemistry, haematology, acid-base balance, endocrinology, blood smear evaluation and cytology. You will be guided through a range of practical techniques that will grow your confidence, ensure you are getting the best out of your in-house machines, and enable you to go further in pursuit of a diagnosis.

On successful completion of this course, you will be able to:

- Refine your technique in making and evaluating blood smears
- Confidently interpret haematological data and identify and describe abnormalities in erythrocyte and leucocyte morphology
- Undertake appropriate quality assurance for your in-house laboratory
- Confidently undertake and interpret tests specific to haemostasis, lipids and proteins;
- Refine your ability to assess and interpret data from tests specific to renal, hepatic and exocrine pancreatic function
- Develop and refine your skills in best-practice collection and handling of cytological samples and in the interpretation of aspirates
- Confidently interpret the results from endocrine testing
- Get the best results from external pathology services

On successful completion of this course, you will be able to:

- Develop and refine your interpretation of biochemical data, electrolyte abnormalities and acid-base parameters
Clinical Neurology Distance Education

Online | 288 CPD Points
RACE Approved: 288 CE Credits

DE: 1 September 2019 – 30 June 2020
Monthly video Podcasts (No face-to-face workshops)

This course will enable you to develop your skills and knowledge to deal with those tricky cases that are often referred to a specialist.

It will take you from the basics of clinical neurology and an introduction to neuroanatomical localization, to developing a logical step-wise approach to the most common neurological presentations of companion animals.

All this information will be delivered with the help of videos, photos, diagrams and practical tips which you will be able to apply in your practice. Whether you feel that you cannot do neurology because of the complexities of neuroanatomy and neurophysiology or because you don’t have a MRI in your practice, this course is for you. We will show you how to succeed with each and every case!

The Clinical Neurology Distance Education program is complemented with monthly video podcasts to conclude each course module.

Our ultimate aim is to develop your ability and confidence to work-up neurological cases. We will focus on developing a logical approach to presentations such as:

❖ Paresis and paralysis
❖ Ataxia
❖ Seizures, tremors and other paroxysmal events
❖ Blindness
❖ Anisocoria
❖ Intermittent weakness and collapse
❖ Tight jaw, dropped jaw and droopy faces

Modules:
1. Introduction to Clinical Neurology
2. Ataxia
4. Intracranial Diseases
5. Epilepsy, Tremors and Paroxysmal Movement Disorders
6. Exercise-Associated Weakness and Collapse
7. Non-Surgical Spinal Diseases
8. Surgical Spinal Diseases
9. Neurological Causes of Lameness and Monoparesis

Students will receive a FREE copy of the Handbook of Veterinary Neurology 5th Ed.
Use the latest information to prolong the quality of life of canine and feline patients with cancer.

Between 40 and 50 per cent of dogs and cats will either die of cancer or have cancer found incidentally on post mortem. Yet, unlike heart disease, chronic renal insufficiency and arthritis, cancer is potentially curable.

Advances in chemotherapy have increased options for palliative care, so that animals can have a prolonged life rather than a prolonged death. This course provides an overview of oncogenesis and metastasis, common chemotherapeutics, other therapies including surgery and radiation, paraneoplastic syndromes, lymphoma, sarcomas, round cell tumours and the complete approach to the cancer patient.

By successfully completing this course, you will:

❖ Develop the skills to obtain an appropriate tissue diagnosis of cancer without compromising the patient
❖ Develop the skills to stage patients with neoplastic disease using appropriate diagnostic modalities
❖ Understand how to utilise chemotherapeutic agents within a treatment plan
❖ Understand how to administer cytotoxic agents safely
❖ Develop a medical treatment plan for patients suffering from common neoplastic diseases
❖ Be able to tailor chemotherapy treatment plans for patients with co-morbidities
❖ Be able to develop a comprehensive palliative care plan with an emphasis on quality of life
❖ Understand the rapid pace of change in oncology and know where to source the latest information and protocols.

Modules:

1. Introduction to oncology and mechanisms of oncogenesis and metastasis
2. Introduction to chemotherapeutics and chemotherapy drugs
3. The other therapies: surgery, radiation, hyperthermia and new alternatives
4. Paraneoplastic syndromes
5. Canine lymphosarcoma
6. Feline lymphosarcoma
7. Carcinomas
8. Sarcomas
9. Round cell tumours
10. The complete approach to the patient with cancer
Clinical Reasoning in Veterinary Neurology: How to become more confident with neurology patients? PodcastPLUS

Online | 1 CPD Point

PodcastPLUS: 28 March 2019

Steven De Decker DVM PhD MvetMed DipECVN MRCVS

Small Animal Nutrition

TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 6 May - 2 June 2019

David Fraser AM BVSc PhD

What are the differences between dogs and cats in their nutritional requirements? How can you use this knowledge to better advise owners about how to feed their animals?

Over the past 40 years, the widespread feeding of commercial foods to dogs and cats has diminished awareness of the special nutritional characteristics of these domestic animals.

Although commercial foods, formulated to meet the known nutrient requirements of dogs and cats, have ensured good nutritional health, there are still circumstances where malnutrition of these species can occur. The aims of this course are to emphasise the differences between dogs and cats in their nutritional requirements, to draw attention as to how this knowledge can help veterinarians better advise dog and cat owners about how to feed their animals and to awaken an understanding about how nutritional knowledge can assist in the prevention, diagnosis and treatment of disease.

Dr Fraser was very good, knowledgeable and gave prompt and interesting replies. Thank you!

Kimberley Godwin, CIT
Cat Catch-Up: Update Your Feline Medicine Skills Seminar

Canberra | 6 CPD Points

Seminar: Sat 25 May 2019

Lara Boland BVSc MANZCVS (Feline Medicine)
Dipl. ECVIM-CA
Katherine Briscoe BVSc (Hons I) MVetStud
FANZCVS

Her residency training was at the Feline Centre of the University of Bristol, at Langford, where she trained with Tim Gruffydd-Jones, Severine Tasker, Andrea Harvey and Angie Hibbert. Currently full time in clinical practice, she is interested in the ‘real life’ applications of veterinary research.

Kath is an Australian Fellow in Feline Medicine and has worked in referral practice for 13 years. She has recently made a sea-change and is working at Pacific Vetcare in Coffs Harbour – a first opinion practice. Years of referral practice have allowed unique insights into ways in which a primary accession clinic might improve the health of its feline patients and provide superior services to their owners. Dr Briscoe is also keen to ensure general practitioners are well versed in what can be achieved in their own clinics and at what stage one should consider referral.

The emphasis will be on new information that you will immediately be able to implement in your practice.

The topics chosen for discussion are aimed at providing attendees with as much practical information as possible whilst also giving new pathophysiological insights into what might be considered “old” problems. Topics covered will include iatrogenic hypothyroidism, FLUTD, FIP, senior cat health care, feline liver disease and ‘curious cat case studies’.

Lara is both an ECVIM Diplomate in Small Animal Medicine and an Australian Fellow in Feline Medicine. Originally from Canberra, she has worked in both general small animal and referral practice since 2004 in the UK and Australia.

Early Bird: 12 April 2019

cve.edu.au/seminar/cat-catch-up
Masterclass in Diabetes Management TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 12 August – 8 September 2019

Linda Fleeman BVSc PhD MANZCVS

Learn about protocols that are easy to follow, new improved treatment and monitoring tools such as insulin dosing pens and flash glucose monitoring, and tips on how to take the stress out of the management of diabetic dogs and cats with concurrent illnesses.

By successfully completing this course, you will:

❖ Be more confident in treating and monitoring your diabetic patients and be aware of new treatment and monitoring tools that can improve the management of your patients
❖ Be better able to manage your sick diabetic patients as well as those that are eating well
❖ Be equipped with practical guidelines and resources you can use to improve your patient outcomes

It was a great course with a great instructor. Linda not only participated in the discussion but also gave a really constructive knowledge that I can apply on my case management

Kathy Lee, Locum.
**Oncology Seminar**

Brisbane | 6 CPD Points

Seminar: Fri 30 August 2019

*Penny Brown* BVSc (Hons I) MANZCVS (Medicine)
*Sandra Nguyen* BVSc (Hons I) Dipl. ACVIM (Onc)

More information coming soon.
Visit cve.edu.au/education for the latest updates.

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**Adrenal Disease in Cats PodcastPLUS**

Online | 1 CPD Point

PodcastPLUS: 29 August 2019

*Rachel Korman* BVSc GPCertFelP MACVSc MRCVS

More information coming soon.
Visit cve.edu.au/education for the latest updates.

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Early Bird: 18 July 2019

cve.edu.au/seminar/oncology
cve.edu.au/pcp/adrenal-diseases-cats
General practitioners can feel uncomfortable and even overwhelmed by the idea of having to assess patients with suspected neurological disease.

It is often wrongly assumed that these patients can only be evaluated by neurology specialists who have access to advanced diagnostic imaging techniques such as magnetic resonance imaging and computed tomography. During this course you will however learn that many neurology patients can be perfectly managed in first opinion practice without the need for advanced and expensive diagnostics.

Clinically relevant topics will be discussed, including tips and tricks on how to get more from your neuro-exam, how to obtain a reliable list of differential diagnoses, the role of further diagnostics, seizures, other brain disorders, neurological emergencies and spinal disorders. Many case examples and videos will be used to illustrate the most important neurological presentations.

Clinical discussions will follow the principles of clinical reasoning, which consists of a step-by-step problem-solving approach. The overall aims of this course are to make you more comfortable and increase your joy when evaluating neurology patients in a first opinion setting.

Learning objectives:

- Improve your neurological examination and neuro-anatomical localisation skills
- Learn to create a list of the most likely and relevant differentials by using the principles of clinical reasoning
- Learn to differentiate between cases that can be managed in private practice and those that need to be referred to specialist referral centers.
- Learn to identify and manage common neurological disorders
- Become confident in evaluating and managing neurological emergencies

Early Bird: 11 August 2019

cve.edu.au/conference/neurology
Behavioural Medicine
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PodcastPLUS. .................................................27
Behavioural Medicine Distance Education

Online | 341 CPD Points

**DE:** 1 February – 30 November

**Workshops:** 1 x 1-Day workshop and 1 x 2-Day workshop

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**Gain exposure to the latest updates in behavioural medicine.**

This course aims to present an overview of, and assist you in improving your approach to, the diagnosis and management of behavioural cases.

It will provide you with the opportunity to extend your skills and knowledge in a range of topics about animal behaviour and behavioural medicine so you will better understand learning theory, the relationship between behaviour and organic disease, psychotropic medications and how to manage anxiety, aggression and other common behavioural problems.

**By successfully completing this course, you will:**

- Significantly improve your ability to help your clients better understand their pet’s behaviour
- Further your understanding of the basics of behaviour and the intimate relationship between behaviour and organic disease
- Develop your skills in differentiating behaviour problems from problem behaviours to maximise treatment success
- Learn how to more accurately diagnose behavioural problems in most domestic species
- Improve your knowledge of psychotropic medication used to treat behavioural problems, including when to use medication, which medication to use and why
- Interact with other veterinarians who have similar interests in behavioural medicine

**Modules:**

1. Domestication and Genetics
2. Learning Theory 1
3. Learning Theory 2
4. Neurology
5. Psychotropic Medication 1
6. Psychotropic Medication 2
7. Behavioural History
8. Anxiety Disorders
9. Aggression Issues
10. Other common problems

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**Kersti Seksel** BVSc (Hons) MRCVS MA (Hons)
FANZCVS DACVB DECAWBM

**Jacqui Ley** BVSc (Hons) FANZCVS (Animal Behaviour) CMAVA PhD

**Debbie Calnon** BSc BVMS MANZCVS CertIVTAA
DipVET-P DipTAA CertIVTC GCertCCJ

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cve.edu.au/de/behavioural-medicine

Super Early Bird: 30 June | Early Bird: 31 October
Feline Behaviour
TimeOnline

**Online | 10 CPD Points**
**RACE Approved: 10 CE Credits**

**TimeOnline:** Date TBC

**Sarah Heath BVSc DipECAWBM(BM) CCAB FRCVS**

The aim of this course is to increase awareness of feline behavioural medicine, to educate about normal feline behaviour and how it influences the lives of domestic cats.

There will be emphasis on the importance of recognising and controlling stress in domestic cats and the way in which this impacts on general veterinary practice.

Discussion of the interplay between emotional and physical disease will be an important part of the course. Participants will be encouraged to consider feline welfare in the context of feline behavioural medicine.

By successfully completing this course, you will be able to:

❖ Recognise feline body language signals
❖ Understand the constraints of the domestic environment on natural feline behaviour
❖ Understand the constraints of the veterinary environment on natural feline behaviour
❖ Analyse behavioural information through history taking
❖ Evaluate the influence of behavioural factors on feline disease states
❖ Interpret behavioural signs in order to reach an accurate motivational diagnosis

There are many medications that are used to help pets with behaviour problems. There are also several new drugs that have been or will shortly be launched in Australia.

This podcast will keep you up to date with how to use them and the many permutations and combinations that you should or should not use to help your patients.

**By successfully completing this course, you will be able to:**

❖ Understand when medication may be helpful
❖ Learn which medications can be used together and which should not be used together
Our website features product information, orthopaedic resources and an online version of the full Vi Catalogue.

Take a look today!

www.veterinary-instrumentation.com.au
Dermatology

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Skin & Ear Cytology & Culture TimeOnline ........................................ 32
Diagnose and manage a wide range of dermatological conditions with confidence, and enjoy those skin consults.

Skin conditions are common in companion animal practice. The underlying cause varies and may be complex, even in animals with similar clinical presentations such as pruritis or hair loss.

Dermatology consultations will remain frustrating – for veterinarians and clients alike – if you always simply reach for the same treatment without identifying and addressing the underlying cause (or causes). This course equips you to develop a logical approach to the diagnosis and management of skin conditions.

By successfully completing this course, you will:

- Describe the aetiopathogenesis of a wide range of dermatological conditions to colleagues and clients and logically deduce the necessary diagnostic and efficacious therapeutic steps
- Develop a systematic, comprehensive approach to the work-up of all major categories of skin disease
- Confidently perform and interpret dermatology-relevant diagnostics
- Improve management of otherwise frustrating, chronic or recurrent skin cases
- Prescribe appropriate and effective topical and systemic medications
- Understand indications, contraindications and complications of medications used to treat dermatological conditions including those recently released onto the market
- Understand the rapid pace of change in dermatology and know where to source the latest information and protocols

Modules:

1. History and Physical Examination
2. The Approach to the Pruritic Patient I
3. The Approach to the Pruritic Patient II
4. The Approach to the Patient with Papules, Pustules and Crusts I
5. The Approach to the Patient with Papules, Pustules and Crusts II
6. The Approach to the Patient with Fistulae and/or Nodules
7. The Approach to the Patient with Scaling/Keratinisation Defects and selected ectoparasites
8. The Approach to the Alopecic Patient and/or the Patient with Systemic Signs
9. Immune-mediated Skin Disease
10. The Approach to the Patient with Otitis Externa
Dermatology TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 11 March - 7 April 2019

Linda Vogelnest BVSc (Hons) MACVSc (Feline Med.) FACVSc (Dermatology)

This course is designed to cover a broad range of the most common dermatological problems faced in general practice in both dogs and cats, and reinforce a practical, logical, problem-orientated approach to skin disease.

Many dermatoses in dogs and cats are recurrent, and effective management can be difficult and cause great frustration to both owners and veterinarians.

A common tendency is to reach for blanket symptomatic treatments as one of the first options, without too much consideration of the most likely underlying diseases or other more guided treatment options. Following a logical diagnostic approach to disease, even when potential for diagnostic testing is limited, will often guide more effective case management; and this course aims to give many practical tips on how to achieve this. A range of case examples will be individually worked through, to reinforce the theory and tips provided.

By successfully completing this course, you will:

❖ Have a better understanding of a logical diagnostic approach to skin disease
❖ Know many diagnostic tips useful for working towards a clear diagnosis or at least narrowing down likely diagnoses
❖ Know when to suspect and how to definitively diagnose the more common pruritic skin diseases
❖ Know when to suspect and how to definitively diagnose the more common immune-mediated skin diseases
❖ Have a broad understanding of the common causes of alopecia of haircoat disorders not associated with pruritus
❖ Cover a range of management options for pruritic, immune-mediated diseases, and some of the alopecic skin diseases.

cve.edu.au/tol/dermatology
**Skin & Ear Cytology & Culture**

*TimeOnline*

Open to Vet nurses.

**Online | 10 CPD Points**

**TimeOnline:** 16 September - 13 October 2019

**Linda Vogelnest**  
BVSc (Hons) MACVSc (Feline Med.) FACVSc (Dermatology)

This course will help optimise your approach to skin and ear canal diseases, by enabling more accurate recognition of the presence or absence of secondary infections, and ultimately more targeted and effective treatment plans.

It will cover optimal collection and processing techniques for useful tests, together with an outline of test indications. Important principles for interpreting samples will be detailed, and a wide range of cytology images provided as a valuable clinical resource.

Optimal treatment choices, based on cytology findings, will be outlined for common secondary skin infections and otitis. Finally, a series of cases will be presented to reinforce the material covered. Participants will be encouraged to practice skin cytology and culture techniques on their own cases throughout the course and present findings to the group for discussion.

Prior knowledge: a broad understanding of common inflammatory and infectious causes of skin and ear diseases will be helpful for working through this course efficiently. However, the course will briefly review some of the key aspects of common diseases that are relevant to diagnostic testing and treatment choices.

**By successfully completing this course, you will:**

- Evaluate cytology samples from inflammatory and infectious skin disease and otitis cases independently and accurately
- Interpret results from cytology and microbial culture tests accurately
- Formulate targeted treatment and/or further diagnostic plans based on cytology results together with clinical findings for a range of inflammatory and infectious skin and ear canal diseases, including allergies, infectious diseases such as dermatophytosis, and some immune-mediated diseases including pemphigus foliaceus
- Recognise if active secondary bacterial and yeast infections are present or if it is appropriate to focus on managing the underlying disease
- Recognise when microbial culture testing is indicated, and have improved ability to analyse microbial culture test results to accurately guide optimal therapies

[cve.edu.au/tol/cytology-culture](cve.edu.au/tol/cytology-culture)
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Ophthalmology
Ophthalmology Distance Education

Online | 334 CPD Points

DE: 1 February – 30 November
Workshop/s: 1 x 2-day workshop

Robin Stanley BVSc (Hons) FACVSc (Ophthalmology)

Develop your ability and confidence to investigate, diagnose and manage your ocular cases, every single time.

Ophthalmology is one of those subjects you can’t learn at University or from a book – you really need to see cases to work out what is happening in eyes.

This course is focused on working through presenting signs and aims to help vets in general, equine or small animal practice manage their eye cases with greater competence and confidence. The course will present the latest evidence-based information as well as numerous videos and images of ophthalmic conditions and procedures, which you will be encouraged to practice at a two-day practical workshop at Dr Stanley’s practice.

By successfully completing this course, you will:

❖ Improve your diagnostic skills via case-based learning
❖ Gain a greater understanding of the medications used to treat eye problems
❖ Gain greater confidence in handling ophthalmology cases
❖ Learn optimal medical and surgical management methods for a variety of presenting problems

Modules:

1. Method of Eye Examination, Breed Predisposition
3. Ocular surgery
4. Vision Loss
5. Ocular Discharge
6. The Red Eye: Part I – Conjunctivitis
7. The Red Eye: Part II – Uveitis
8. The Cornea
9. The Eyelids
10. Blue Eye – includes glaucoma, lens luxation and lipid aqueous
Practical Ophthalmology

TimeOnline

Online | 10 CPD Points

TimeOnline: 20 May - 16 June 2019

Jane Whitley BSc (Hons) BVSc (Hons) PhD

This course will cover the common ocular presentations seen by general practitioners and will be particularly useful for recent graduates.

The course will start with tips and tricks for performing an eye examination with equipment found in your practice or that can be easily and cheaply obtained.

We will then cover the ten most common ocular presentations including the management of corneal ulcers, eyelid disease, uveitis and glaucoma. One of the four modules will focus exclusively on feline ocular disease.

By successfully completing this course, you will:

❖ Have improved ability to examine the eye
❖ Have improved ability to diagnose ocular disease
❖ Be able to recognise common eye problems in the dog and cat
❖ Be more confident in treating and managing common eye diseases in the dog and cat

Ophthalmic Surgery

TimeOnline

Online | 10 CPD Points

TimeOnline: 14 October - 10 November 2019

Robin Stanley BVSc (Hons) FACVSc (Ophthalmology)

Ophthalmic surgery is often put into the ‘too hard basket’ and referred on to specialists.

This course is designed to give you better understanding of the principles and the practicalities of doing eye surgery with the aim of expanding the range of procedures you can confidently offer your clients. The course will feature video procedures to guide your learning.

By successfully completing this course, you will:

❖ Have reviewed the necessary equipment needed to perform ophthalmic surgery
❖ Have reviewed the indications for a range of surgical procedures including eyelid tumors, entropion, cherry eyes, third eyelid flaps and cartilage eversions as well as the surgical management of corneal ulcers
❖ Understand the principles of performing a range of ophthalmic procedures including the removal of eyelid tumours, entropion surgery, cherry eye surgery and the surgical management of corneal ulcers

cve.edu.au/tol/practical-ophthalmology
cve.edu.au/tol/ophthalmic-surgery
Ophthalmology: Theory & Practice
(Seminar + Workshop)

Sydney | 18 CPD Points

Seminar: Fri 25 October 2019
Workshop: Sat 26 October 2019

Veterinary Science Conference Centre
The University of Sydney

Mark Billson BVSc PhD DVOphthal DipVetClinStud MRCVS
David Maggs BVSc (Hons) Dipl. ACVO

Improve your understanding and capabilities.

This program is designed to improve your understanding and capabilities in ophthalmology while also having fun. David Maggs and Mark Billson will place special emphasis on performing a high-yield ophthalmic exam with the instruments already in your clinic, choosing the best diagnostic tests, perfecting ophthalmic surgical techniques, and discussing which drugs to use when.

Both speakers work with referring vets on a daily basis and their philosophy is to emphasise a group of concepts that they call ‘TIWIKIPS’ (or ‘Things I wish I’d known In Practice’) with the ultimate goal that you leave the course saying, ‘I am going back to try this in my practice next week’.

By successfully completing this course, you will:

❖ To perform and interpret findings from a complete neuro-ophthalmic examination (cranial nerves; responses and reflexes)
❖ To perform and interpret findings from a complete examination of the anterior segment (eyelids, conjunctiva, sclera, cornea, anterior chamber, iris, and lens)
❖ To perform and interpret findings from a complete fundic examination (vitreous, choroid, tapetum, retina, and optic nerve)
❖ To perform and interpret findings from common ophthalmic diagnostic tests (aqueous flare, Schirmer tear test, fluorescein stain, tearfilm breakup time, nasolacrimal flush, rebound and applanation tonometry)
❖ To learn and practice surgical techniques for correction of entropion, ectropion, “cherry eye”, and indolent ulcers; eyelid tumor removal, and enucleation

10/10 would recommend!
Very informative and useful for general practice.
Kai Goyen, Katoomba Veterinary Clinic

cve.edu.au/workshop/ophthalmology-theory-practice
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Anaesthesia & Critical Care
Emergency Medicine Distance Education

Online | 334 CPD Points

DE: 1 February – 30 November
Workshop: 1 x 2-day workshop

Trudi Mcallees BSc BVSc MACVSc FANZCVS
Sandra Forsyth BVSc Dipl. ACVA

Develop your capacity to treat emergency and critical care cases confidently every single time.

This course aims to develop your practical skills and techniques for the treatment and monitoring of critically ill animals.

The emphasis on case-based problem solving and the basics of critical care makes this an essential course for veterinarians in all practice situations.

By successfully completing this course, you will:

❖ Confidently assess and treat acute trauma cases and critically ill patients, including cases of acute dyspnoea, acute abdomen, diabetic ketoacidosis and intoxication
❖ Better understand the principles of, and be able to perform, emergency procedures such as thoracocentesis, tracheostomy and CPR
❖ Develop the ability to create appropriate fluid therapy plans to manage shock and hypovolaemia and for ongoing maintenance
❖ Reach competency in ‘cage side’ clinical pathology (using blood smears to assess anaemia, analysing fluid from body cavities and analysing urine sediment)
❖ Perform blood transfusions safely and improve optimal wound management
❖ Monitor critically ill animals
❖ Improve your ability to differentiate between cardiac and pulmonary disease

Modules:

1. General set-up of a critical care area, toxicities and envenomations
2. Shock, fluid therapy and transfusion therapy
3. Electrolytes, acid/base
4. CPR and analgesia
5. Cardiovascular and respiratory disease
6. Anaemia, erythrocytosis and bleeding disorders
7. Acute abdominal disease and nutrition
8. Metabolic and endocrine emergencies, urinary tract disease
9. Multi-system trauma and wounds
10. Intra-cranial and extra-cranial neurological diseases, ocular emergencies

I have really enjoyed the course, the notes and practical were excellent and very well organised. The mix of practical advice and up-to-date theory was an excellent mix for vets in practice. Over the years I have done quite a bit of post grad study and I will be back to the CVE.

Stephen Reid

cve.edu.au/de/emergency-medicine

Super Early Bird: 30 June | Early Bird: 31 October
**Basic Anaesthesia Workshop**  
**Sydney | 12 CPD Points**  

**Workshop:** Sat 27 April 2019  
**Veterinary Science Conference Centre**  
The University of Sydney  
**Fernando Martinez-Taboada** DVM, CertVA, DipECVAA, MRCVS

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All surgery begins with anaesthesia, and it is critical that you are competent in this field. Developments in anaesthesia to relieve pain and suffering have facilitated today’s increasingly complex surgical operations.

Improvements in drugs and equipment have contributed to a high standard of quality and safety and in order to benefit their patients, veterinarians need to keep up-to-date with the latest advances so that they can implement them in their practices.

Dr Fernando Martinez Taboada, a European Specialist in Veterinary Anaesthesia will conduct this 1-day workshop, bringing the vast experience he has gained working both overseas and in Australia.

This practical course will improve your skills in local anaesthesia techniques in your day-to-day clinical veterinary practice. From the simplest techniques to the most challenging, you will receive theoretical information followed by practical sessions to grasp the new skills, with adequate time to understand and master the techniques being discussed.

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**Advanced Anaesthesia Workshop**  
**Sydney | 12 CPD Points**  

**Workshop:** Sat 2 November 2019  
**Veterinary Science Conference Centre**  
The University of Sydney  
**Fernando Martinez-Taboada** DVM, CertVA, DipECVAA, MRCVS

Respiratory Failure

TimeOnline

Online | 10 CPD Points

TimeOnline: 23 April - 20 May 2019

Duana McBride BVSc DACVECC MMedSc FHEA MRCVS
Ryan Ong BVSc (Hons) MVetStud MACVSc DACVECC

Typical disease processes include tick paralysis, snake envenomation, tetrodotoxicity, aspiration pneumonia, pulmonary contusions, near drowning, acute respiratory distress syndrome and neurological disease.

This course will cover the physiology behind and interpretation of blood gases, diagnosis of respiratory failure, types of ventilators, essential theory of mechanical ventilation, complications of mechanical ventilation and appropriate supportive care of the ventilated patient – critical knowledge required to manage patients with respiratory failure.

This course is highly relevant for clinicians managing severe tick paralysis patients or clinicians who simply want a better understanding of blood gases and mechanical ventilation.

By successfully completing this course, you will:

❖ Learn to interpret a blood gas and evaluate arterial oxygenation status
❖ Understand indications for and theory of using a critical care ventilator
❖ Understand how to manage the ventilated patient including monitoring, supportive care and weaning of the ventilated patient as well as trouble shooting problems such as hypoxemia or hypercapnoea
❖ Understand and plan for the supportive care that a ventilated patient requires including interventions like basic physiotherapy, nutritional support, airway support and nursing care. Complications like volutrauma and barotraumas are also discussed including means to avoid these complications

Feline Emergencies TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

RACE Approved: 10 CE Credits

TimeOnline: 13 May - 9 June 2019

Trudi McAlees  BSc BVSc MACVSc FANZCVS

An introduction to emergency medicine with particular emphasis on treating cats, including triage, shock and fluid therapy and treatment of common toxicities.

Much of what we do in veterinary emergency medicine is extrapolated from human medicine and while we learn more about the unique pathophysiology of disease and responses to treatment in cats, evidence for emergency treatment in cats is scarce.

This course will present the latest evidence-based approach to feline emergency, combined with the tutor’s personal experience treating cats in the emergency setting, and will get you up to speed in the key areas needed to provide effective emergency care to cats. The course covers triage, shock and fluid therapy, as well as treatment of common toxicities. The unique aspects of caring for cats in the emergency and critical care settings will also be addressed.

Modules:

1. Emergency Triage of the Cat, Emergency Database Blood Tests
2. Shock and Fluid Therapy in Cats including Transfusion Medicine
3. Feline Critical Care
4. Feline Toxicities

By successfully completing this course, you will:

❖ Confidently assess a cat that is presented as an emergency, perform emergency database blood tests and monitor emergency treatment
❖ Confidently recognise the clinical signs of shock in the cat and apply your newly developed knowledge of the pathophysiology of shock to guide treatment.
❖ Understand the clinical implications of the numbers generated by the monitoring equipment and know when intervention is required to treat deviations from normal in your patients
❖ Provide emergency treatment to a cat with a suspected intoxication.

The course was great opportunity to revise my knowledge before ANZCVS exam

Martina Naceardska
Owner of cat friendly clinic

cve.edu.au/tol/feline-emergencies
Critical Care in Internal Medicine & Surgery Conference

**Melbourne | 30 CPD Points**

**Conference:** Mon 17 - Thu 20 June 2019  
**Masterclass:** Fri 21 June 2019

**Stamford Plaza Hotel, Melbourne VIC**

**Sophie Adamantos** BVSc CertVA DACVECC  
DECVECC FHEA MRCVS

**Mickey Tivers** BVSc(Hons) PhD CertSAS DipECVS MRCVS

**Steve Holloway** BVSc MVS PhD MACVSc Dipl. ACVIM

**Arthur House** BSc BVMS PhD Cert SAS DECVS

**Rachel Korman** BVSc GPCertFelP MACVSc MRCVS

**Ellie Leister** BVSc MANZCVS (SA Medicine)

**Andrew Padula** BVSc(Hons) PhD MACVSc DipECAR

**Caroline Mansfield** BSc BVMS MVM PhD MANZCVS Dipl. ECVIM-CA

**Dez Hughes** BVSc (Hons), Dip. ACVECC

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The whole 9 yards!

Emergency and critical care situations are serious. They demand your immediate attention and action. In order to give your patients the optimal treatment and care, you need to ensure your skills are up-to-date and relevant.

The CVE is delighted to be widening the perspective on these important topics by bringing out to Australia dynamic UK clinicians Sophie Adamantos and Mickey Tivers of Paragon Veterinary Referrals, Wakefield to present at this major conference. Sophie the criticalist and Mickey the surgeon have been briefed to pitch their presentations at the level of an advanced practitioner. There will be lots of interactivity with the audience, especially on the last day, a Masterclass suitable for veterinary specialists, residents and registrars, and GP vets who don’t mind being challenged and put on the spot!

A complementary duo by virtue of their disciplines, together they will guide you as to how much you can support patients before they are stable enough to have surgery.

Presenting the Australian viewpoint and covering issues particular to Australia such as new developments in the management of snake envenomation and tick paralysis are well-known and highly respected clinicians from private referral practice as well as the University of Melbourne.

**Conference Overview:**

- Monday: Emergency & Critical Care
- Tuesday: The Abdomen
- Wednesday: Feline Focus
- Thursday: Focus on Soft Tissue Surgery

The conference will culminate in a 1-day Masterclass on the Friday covering: ‘Challenging dogma in Emergency Critical Care’.

Participating in this conference and masterclass will ensure that you are competent and confident to treat your next emergency consultation - one of the biggest foundations of confidence is knowing that you are fully prepared.
**Shock & Fluid Therapy**

**TimeOnline**

Open to Vet nurses.

Online | 10 CPD Points

**TimeOnline:** 17 June - 14 July 2019

**Duana McBride** BVSc DACVECC MVMedSc FHEA MRCVS

**Ryan Ong** BVSc (Hons) MVetStud MACVSc DACVECC

This course is designed for all practitioners who want to maximise their use of fluid therapy and for those who want to take the next step to developing skills in critical care medicine.

Fluid therapy is used daily in veterinary practice. It is one of the cheapest treatments we offer, resulting in dramatic improvements in our patients. However, indications for fluid therapy use, other than rehydration, are often overlooked.

As well as developing skills in critical care medicine, this course will help you develop an understanding of why electrolyte and acid-base balance is so important in our critical patients, and how we can manage these abnormalities with fluid therapy.

In the final module, we will delve into transfusion medicine so you will be more confident in managing the next acutely anaemic patient.

**By successfully completing this course, you will be able to:**

- Understand the physiology/pathophysiology of fluid dynamics in health and disease
- Understand indications and contraindications of different fluid types, in order to practice safe fluid therapy
- Manage electrolyte disturbances in the critically ill patient
- Develop a detailed understanding of transfusion therapy in the dog and cat.

[cve.edu.au/tol/shock-fluid-therapy](cve.edu.au/tol/shock-fluid-therapy)

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**Trauma Patient Management**

**TimeOnline**

Online | 10 CPD Points

**TimeOnline:** 30 September - 27 October 2019

**Duana McBride** BVSc DACVECC MVMedSc FHEA MRCVS

**Lynda Rutherford** BVM&S MVetMed Dipl. ECVS FHEA MRCVS

Have you ever had a trauma patient arrive and all you can think of is ‘where do I start?’.

This course for emergency veterinarians as well as general practitioners is designed around how to deal with traumatic emergencies.

There are many layers of managing trauma patients: from the initial triage and stabilisation through to advanced surgery; monitoring critical patients; and dealing with associated complications. This will be an intensive course where you will develop a broad range of skills and knowledge that you can also apply to many of your other patients as well. We will promise it will be challenging but rewarding!

**By successfully completing this course, you will be able to:**

- Stabilise critical trauma patients and tackle complex cases with multiple injuries
- Perform safe anaesthesia in the trauma patient, and deal with trauma associated complications
- Manage complex injuries including orthopaedic, spinal and major soft tissue wounds
- Perform emergency surgery on trauma patients including penetrating thoracic and abdominal injuries and urinary tract injuries

[cve.edu.au/tol/trauma-patient-management](cve.edu.au/tol/trauma-patient-management)
Anaesthesia & Critical Care

Pain Management TimeOnline

Online | 10 CPD Points

TimeOnline: 23 September - 20 October 2019

Innes Wise

The negative physiological effects of poorly controlled pain are well documented and as veterinarians we recognise the importance of using effective pain relief strategies both with respect to disease management, patient care and well-being.

This course is ideal for vets who want to brush up on their knowledge of analgesics and be updated on the latest techniques available for managing acute and chronic pain in small animals. It aims to develop your knowledge and clinical decision making by providing an update and review of drug efficacy and administration techniques, as well as taking an evidence based approach to the use of 'off-label' opioids.

By successfully completing this course, you will:

❖ Have a better understanding of pain, its physiology, assessment and the evaluation of the efficacy of pain relief
❖ Have a better understanding of the clinical pharmacology of key analgesics including opioids, non-steroidals and local anaesthetics
❖ Have reviewed a number of implementation techniques including: infusion techniques, local anaesthetic techniques and nerve blocks
❖ Gain an understanding of the issues faced in multi-modal analgesia

Modules:
1. Clinical Pharmacology
2. Analgesic Techniques
3. Understanding Pain
4. Multi-modal Analgesia

cve.edu.au/tol/pain-management
Rapid recognition and aggressive therapeutic intervention is necessary with urogenital and obstetric emergencies because of their potential to become life threatening if not addressed immediately. This course focuses on some of the most commonly seen urinary tract and obstetric emergencies in dogs and cats.

Modules:

1. Review renal function and the tests commonly used to diagnose renal and urinary tract injury, including contrast studies.

2. Review of the pathophysiology of acute kidney injury and clinical applications of newer staging systems. The diagnosis and treatment of AKI are described. Treatment of renal toxicities will be included in this module.

3. Review common urinary obstruction: urethral and ureteral. A detailed review of diagnosis and treatment of this until recently uncommon condition is included.

4. Selected reproductive emergencies will be discussed. This module will cover the diagnosis and treatment of pyometra and dystocia, and the indications for caesarean section.

By successfully completing this course, you will be able to:

❖ Understand what the kidneys do in health and how this alters in renal failure
❖ Stage renal failure in cats and dogs
❖ Recognise and treat animals with acute renal injury
❖ Provide up to date treatment to cats with urethral and ureteral obstruction
❖ Recognise and treat pyometra and dystocia
❖ Recognise the indications for caesarean section
Small Animal Surgery

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Soft Tissue Surgery Workshop II ............. 51
Surgery Distance Education

Online | 334 CPD Points

DE: 1 February – 30 November
Workshop/s: 1 x 2-day workshop
2019 course full | 2020 registrations open March 2019

Provide better outcomes for all your surgical patients and boost your confidence to approach more complex surgeries.

Wouldn’t it be great to provide your patients and clients with more and better surgical options and be able to confidently advise on their pros and cons to guide your clients’ decision making? Imagine the satisfaction of correctly doing the surgery yourself.

This course aims to present an overview of surgery and assist you to improve your approach to diagnosis and management of surgical diseases. The resources provided to support your learning in this course include not only notes and journal articles, but also video clips illustrating how to perform procedures, manipulations and operations you can carry out in your own practice. By the end of the course, you will have built a video library of common surgical procedures that you can review prior to performing the procedure. In addition, the course is supplemented by a two-day workshop that combines case studies, surgical demonstrations and an extensive wet lab practical session. Throughout the course, important principles and details are emphasised.

By successfully completing this course, you will:

❖ Have a refreshed and updated your surgical knowledge through a comprehensive overview of small animal surgery
❖ Improve your approach to the diagnosis and management of surgical diseases and better your understand of the ‘hows’ and ‘whys’ of surgery through case-based learning
❖ Gain an increased understanding of both general principles and detailed techniques of surgery for each of the body systems
❖ Increase your confidence about broadening your surgical endeavours

Modules:
1. Principles of Surgery I – Pre-operative evaluation of the surgical patient
2. Principles of Surgery II
3. Principles of Surgery III – Wound Assessment and Management
4. Principles of Orthopaedic Surgery
5. Surgery of the Alimentary Tract
6. Applied Orthopaedic Surgery
7. Surgical Diseases of the Respiratory & Cardiovascular Systems
8. Surgical Conditions of the Spine
9. Surgery of the Skin, Eye, Ears, Haemolymphatic System and Endocrine System
10. Urogenital Tract Surgery

Workshop Sponsor:

Super Early Bird: 30 June | Early Bird: 31 October
Gain confidence to save it with a scalpel.

Hindlimb lameness is a very common problem presented to the general practitioner for treatment. The majority of these cases originate from the hip and stifle joints and many of these problems respond very favourably to surgical treatment. This workshop is designed to provide a practical refresher on the common problems and treatment for the hip and stifle joints in the dog. This will be delivered as short updates illustrated with case studies followed with a hands-on laboratory session on cadavers.

The objective of the workshop is to provide the experienced practitioner with the confidence to begin extending surgical treatment options for clients, and the recent graduate with the technical skills to begin with the more common surgical procedures on the hip and stifle joints.

Improve your skills in treating bone fractures.

Open reduction and internal fixation of fractures using bone plates and screws is a common and effective modality of treatment for fracture management in small animal practice. This workshop is designed to allow participants to use and appreciate the instruments employed to correctly and effectively apply bone plates and screws for simple fracture fixation in long bones.

Principles of bone plating and screw application will be revised over a series of lectures with case studies used to highlight these principles. This will be followed with a practical session where participants will practice surgical approaches to the femur, tibia, humerus, and radius on a cadaver. Simple fractures will be created and all participants will have the opportunity to apply a compression and a neutralisation plate.
Stress Free Surgery Workshop

Sydney | 11 CPD Points

Workshop: Sat 24 August 2019
Veterinary Science Conference Centre
The University of Sydney

Chris Tan BVSc BSc (Vet) FANZCVS Dipl. ECVS

Reduce your stress during surgery and the healing time of your patients after surgery, through the acquisition of new skills and knowledge.

Bad habits creep into everything we do, particularly if you work on your own or do not have feedback from your colleagues.

Refresh your skills through a review of the important fundamentals of surgery and the opportunity to practice these skills in a wet lab environment. This workshop will be ideal for those returning to practice, recent graduates and old hands who want to brush up their surgery skills.

The workshop was one of the best I have attended. It was a very valuable learning experience for me and a very enjoyable day. Chris is an excellent teacher.

Joanne Shannon

Early Bird: 12 July 2019
cve.edu.au/workshop/stress-free-surgery

Workshop Sponsor:

B Braun
Sharing Expertise
Howie returns to Australia!

Due to overwhelming demand in 2018, Dr Howie Seim is returning to Australia with ex-pat Dr Clara Goh to offer two exciting new workshops in Sydney. The popular format of video demonstrations followed by hands-on practical sessions for each procedure, will allow every participant to take home proven techniques which will make surgery less daunting and more successful.

Canine Soft Tissue Surgery Workshop

Sydney | 10 CPD Points

Workshop: Sat 26 October 2019
Veterinary Science Conference Centre
The University of Sydney
Howie Seim VM DACVS
Clara Goh BVSc MS DACVS-SA ACVS

Topics:
❖ Salivary mucocele
❖ Laryngeal tie-back
❖ Scrotal urethrostomy
❖ Anal saccullectomy
❖ 4-Ligature Technique Splenectomy
❖ 10 minute Gastropexy

Feline Surgery Made Easy Workshop

Sydney | 10 CPD Points

Workshop: Sun 27 October 2019
Veterinary Science Conference Centre
The University of Sydney
Howie Seim VM DACVS
Clara Goh BVSc MS DACVS-SA ACVS

Topics:
❖ Ventral Bulla Osteotomy
❖ Nasal planectomy + Pinnectomy
❖ Perineal Urethrostomy
❖ Perineal Urethrostomy – lateral bulla osteotomy (TECA-LBO)
❖ Chest drain placement (Standard + Mila)

Workshop Sponsor:

Early Bird: 13 September 2019

cve.edu.au/workshop/canine-soft-tissue

Workshop Sponsor:

Early Bird: 14 September 2019

cve.edu.au/workshop/feline-surgery
Did you miss out on the Sydney workshops in 2018?

Here is an opportunity to master the techniques covered in one or both workshops at the excellent facilities at the Gatton campus of the University of Queensland.

Soft Tissue Surgery I
Workshop
Splenectomy, gastropexy, salivary gland resection, tube placement ....

Brisbane | 10 CPD Points

Workshop: Sat 2 November 2019
University of QLD, Gatton Campus
Howie Seim VM DACVS
Clara Goh BVSc MS DACVS-SA ACVS

Topics:
❖ Salivary gland resection
❖ Tracheostomy tube placement
❖ Three methods of chest drain placement
❖ Esophagostomy tube placement
❖ Vulvarplasty for treatment of perivulvar dermatitis
❖ How to perform a 15-minute gastropexy
❖ Tips for diaphragmatic hernia repair
❖ How to perform a rapid splenectomy using 4 ligatures.

Early Bird: 20 September 2019

cve.edu.au/workshop/soft-tissue-surgery-I

Workshop Sponsor:
BRAUN

Soft Tissue Surgery II
Workshop
Ear, throat and perineal surgery procedures made simple.

Brisbane | 10 CPD Points

Workshop: Sun 3 November 2019
University of QLD, Gatton Campus
Howie Seim VM DACVS
Clara Goh BVSc MS DACVS-SA ACVS

Topics:
❖ Lateral ear resection
❖ Total ear canal ablation and lateral bulla osteotomy
❖ Laryngeal tie-back
❖ Perineal hernia repair
❖ Scrotal urethrostomy
❖ A novel technique for anal sacculectomy.

Early Bird: 21 September 2019

cve.edu.au/workshop/soft-tissue-surgery-II

Workshop Sponsor:
SOUND
Dentistry

Dental Radiology: A Beginner’s Guide to Radiographic Interpretation
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Dental Radiography: A Beginner’s Guide to Radiographic Interpretation
PodcastPLUS
Online | 1 CPD Point

PodcastPLUS: 28 February 2019

Anthony Caiafa BVSc BDsc MANZCVS (Small Animal Surgery, 1992; Dentistry, 1993)

Dental radiography has become an important tool for diagnosing oral diseases in companion animals. However, the interpretation of these radiographs can be frankly, confusing. This podcast will offer a beginners’ guide to interpreting these radiographs and diagnosing oral disease, including differentiating between normal, variations on normal and true oral pathology. This will lead to more clinical confidence when dealing with dental cases.

By successfully completing this course, you will:
❖ Obtain skills in interpreting dental radiographs
❖ Use these new skills to confidently diagnose more oral pathology and to offer more predictable treatment outcomes for your patients
❖ Increase your dental caseload and thus lift practice profitability

Podcast Sponsor:

Dental Bites for the Enlightened Practitioner
TimeOnline
Online | 10 CPD Points

TimeOnline: 18 March - 14 April 2019

Anthony Caiafa BVSc BDsc MANZCVS (Small Animal Surgery, 1992; Dentistry, 1993)
Christine Hawke BSc (Vet) BVSc (Hons) PhD MANZCVS (Dentistry)

Periodontal and dental diseases are arguably the most common issues seen in small animal practice, yet many vets feel intimidated or inadequate when faced with a complicated case that may require more than a scale and polish.

This course is designed to help you understand how to plan and perform efficient, atraumatic extractions (for both you and the patient), where to place local anaesthetic nerve blocks, and how to take and interpret dental radiographs. Together, these skills will help you to avoid the common pitfalls that lead to complications such as lost roots, fractured roots and fractured jaws.

Additionally, you will learn about the treatment options for traumatic malocclusions, and how to critically evaluate the plethora of dental homecare products on the market. These skills will allow you to take your dentistry to the next level, and help you to improve the health and welfare of your patients.

Podcast Sponsor:

TimeOnline Sponsor:

Podcast Sponsor:
cve.edu.au/pcp/dental-radiology
cve.edu.au/tol/dental-bites
Dentistry: Theory & Practice
(Seminar + Workshop)

Sydney | 16 CPD Points

Seminar: Fri 12 April 2018
Workshop: Sat 13 April 2018

Veterinary Science Conference Centre
The University of Sydney

Anthony Caiafa  BVSc BDSc MANZCVS (Small Animal Surgery, 1992; Dentistry, 1993)

Put your money where the mouth is: invest and upgrade your dentistry skills in companion animal oral care.

This course will whet your appetite to a new world of veterinary dentistry. Increase your ability to diagnose more disease using modern technologies. Offer your clients better outcomes for those pets with oral disease. Manage more cases ‘in-house’ that in the past you used to refer on.

Your tutors will review dental anatomy, the pathophysiology of periodontal disease, the techniques for obtaining diagnostic and high quality radiographs and how to reduce pain and discomfort in your dental patients.

The practical component will include planning and performing surgical extractions, use of minimally invasive extraction techniques including demonstration of a mechanical periotome. Planning to prevent extraction complications but if they occur, how to manage them and obtain a successful outcome.

Seminar + Workshop
Sponsor:

Rabbit & Rodents Dentistry Workshop

Sydney | 11 CPD Points

Seminar: Sat 19 October 2019

Veterinary Science Conference Centre
The University of Sydney

Lorenzo Crosta  med vet, PhD, Gp Cert (Exotic Animals), Diplomate ECZM (Zoo Health) European Specialist in Zoological Medicine

Shiva Sawmy  BSc (Hons) Biol., BVM&S MRCVS

Petra Schnitzer  med vet, GP-Cert Exotic Animal Practice, ECZM Resident (Avian)

Bree Talbot  BScAgr(Hons) BVSc MANZCVS (Unusual Pets)

Dental disease is one of the most common conditions seen in rabbits and rodents in clinical practice. This workshop is intended for veterinarians who wish to gain further expertise in rabbit and rodent dentistry so that they can confidently approach, diagnose and treat these cases in their own clinics.

The course will consist of a series of morning lectures to review and consolidate knowledge in anatomy, radiology, anaesthesia, analgesia, instrumentation, intra/post-operative complications and peri-operative management. In the afternoon, all participants will have the opportunity to practice intubation techniques, nerve blocks and common dental procedures on cadavers during a 3-hour wet lab. This will provide invaluable hands-on practical experience as well as interactive discussion to all delegates.

Seminar + Workshop
Sponsor:
Diagnostic Imaging Program
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Diagnostic Imaging
Diagnostic Imaging Program  Distance Education

Online | 341 CPD Points

DE: 1 February – 30 November
(includes all modules)

Thoracic Imaging & Introductory modules:
Robert Nicoll  BSc (Vet) BVSc DACVR

Musculoskeletal Imaging modules:
Sarah Davies  BVSc MS DACVR Assoc. MANZCVS

Abdominal Imaging modules:
Zoe Lenard  BVSc (Hons) FANZCVS (Radiology)

Our year-long Diagnostic Imaging DE course has been broken down into 3 manageable and independent parts: Thoracic, Musculoskeletal and Abdominal Imaging.

Each is a discrete unit on its own but together they form a formidable imaging educational program. Each unit has a hands-on practical workshop – a major drawcard – where you have the opportunity to apply the theory you have learnt under the watchful eye of your tutor. You also benefit from the group experience of learning with, and from, your peers.

The introductory imaging module is a prerequisite for each unit; this needs to be completed only once, prior to studying your first unit.

If you enrol in all 3 units, the whole program comprises 10 modules.

Workshop Sponsor: RADIICON  

SPECIALIST IMAGING SUPPLIERS

Est 1979

Thoracic Imaging  
Abdominal Imaging  
Intro Imaging module  
Musculoskeletal Imaging

cve.edu.au/de/thoracic-imaging

cve.edu.au/de/musculoskeletal-imaging

cve.edu.au/de/abdominal-imaging
Improve your diagnostic skills and avoid common mistakes in thoracic diagnosis.

Thoracic radiography is one of the most useful clinical tests undertaken in clinical practice and yet one of the most frequently cited areas of confusion.

This course aims to increase your ability to take optimal thoracic radiographs and to interpret them confidently. The modules focus on radiographic interpretation, with incorporation of complementary imaging modalities, particularly CT and sonography, to assist in explanations of the radiographic pathological patterns present.

By successfully completing this course, you will:

❖ Improve your radiological knowledge and expertise as it applies to radiography of thoracic structures
❖ Develop a greater understanding of the radiographic manifestations of pathological processes involving the cardiac and respiratory systems
❖ Improve your ability to evaluate radiographic changes that involve the mediastinal structures and the pleural space
❖ Understand when complementary imaging studies such as sonography and CT are useful for the diagnosis and management of systemic and cardiothoracic diseases

Modules:

1. Compulsory Introductory Module*
2. The Heart
3. The Lungs
4. The Pleural Space, Mediastinum and Diaphragm

*if not completed previously

Robert Nicoll  BSc (Vet) BVSc DACVR

cve.edu.au/de/thoracic-imaging

Super Early Bird: 30 June | Early Bird: 31 October
Musculoskeletal Imaging Diagnostic Imaging Distance Education

Online | 135 CPD Points

Intro. module: 1 – 31 May
Musculoskeletal Imaging modules: 1 June - 31 August
Workshop/s: 1-day workshop

Sarah Davies BVSc MS DACVR Assoc. MANZCVS
Robert Nicoll (Intro. module) BSc (Vet) BVSc DACVR

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.

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

Super Early Bird: 30 September | Early Bird: 31 January
Abdominal Imaging
Diagnostic Imaging
Distance Education

Online | 135 CPD Points

Intro. module: 1 – 31 August
Abdominal Imaging modules: 1 September - 30 November
Workshop/s: 1-day workshop

Develop a greater understanding of the benefits of abdominal radiography and improve your imaging evaluation of common abdominal diseases.

This course focuses on a radiographic approach to abdominal imaging but will supplement radiographic imaging with other imaging modalities. The usefulness of ultrasonography will be explored for imaging abdominal viscera and, where relevant, the application of other modalities such as CT will be discussed and demonstrated.

While this is not primarily an ultrasound course, the comparative usefulness of radiography and ultrasound will be included wherever possible and you can expect to further your knowledge of ultrasound and its indications. You are not required to have an ultrasound machine in your practice but for those that do, there will be some practical sonographic tasks.

After completing the course, participants regularly comment that they are amazed by how much more confidence they have with approaching imaging of the abdomen, and with tackling more difficult cases in practice. The workshop provides excellent opportunities to work through different modalities and problems, while learning from your tutor and colleagues in a supportive manner.

By successfully completing this course, you will:

- Develop an understanding of the benefits of using radiography to evaluate the abdomen, in the context of all imaging modalities

Zoe Lenard BVSc (Hons) FANZCVS (Radiology)
Robert Nicoll (Intro. module) BSc (Vet) BVSc DACVR

- Gain an understanding of the comparative modalities (especially ultrasound, and also CT and other modalities) in abdominal imaging, and applications of each modality
- Develop an ordered and logical approach for imaging and evaluation of the vomiting dog or cat
- Gain an appreciation of the possible imaging appearances of common abdominal diseases including pancreatitis, liver and splenic disease, intestinal obstruction and peritoneal effusions

Modules:
1. Compulsory Introductory Module*
2. Gastrointestinal Tract
3. Abdominal Viscera and Cavities
4. The Urogenital System

*if not completed previously

Super Early Bird: 31 Dec 2018 | Early Bird: 30 April
**Back to Basics: Diagnostic Ultrasound Workshop**

**Sydney**  |  **9 CPD Points**  
**Townsville**

*Sydney:* Sat 16 March 2019  
**Veterinary Science Conference Centre**  
The University of Sydney  

*Townsville:* Sat 10 August 2019  
**James Cook University**

Jennifer Chau  
BVSc (Hons) FANZCVS  
GradDipVetClinStud MVetStud

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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 tutor Jennifer Chau, 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 principles of interpretation. Practical component will include scanning dogs in groups of no more than 3 people.

Both tutors were down-to-earth and engaging, simplifying the approach to ultrasound. They pitched their lectures and practical sessions at exactly the right level.

Rowena Leschner, Lincoln Vet Centre

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Workshop Sponsor:

**Radincon**

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Early Bird: 1 February | 21 June 2019

cve.edu.au/workshop/basic-ultrasound/mar  
Sydney

cve.edu.au/workshop/basic-ultrasound/aug  
Townsville

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Canine Abdominal Ultrasound
TimeOnline

Online | 10 CPD Points

TimeOnline: 15 July - 11 August 2019

Jennifer Chau BVSc (Hons) FANZCVS
GradDipVetClinStud MVetStud

Ultrasound is an interactive and extremely useful diagnostic imaging modality in clinical practice.

It is highly operator dependent, so some experience and knowledge is the key to driving the ultrasound probe with more confidence and being able to interpret the findings.

This course is designed to give you the essential knowledge on how to optimise image quality, how to find abdominal structures such as the pancreas and adrenal gland, and how to approach some common challenges faced in clinical practice such as free abdominal fluid, nodular disease and ileus. A case based approach will be used to explore the common diseases associated with these problems and how to diagnose them.

By successfully completing this course, you will:

❖ Better understand the essential operator settings that help to optimise image quality (How to improve a blurry or dark image? What is the cause of artefacts and when can they be useful?)
❖ Develop an approach to scanning abdominal structures
❖ Develop a problem orientated approach to scanning the abdomen and solve common problems faced in clinical practice (e.g. Free fluid? Mass?)
❖ Be able to recognise the common diseases associated with these problems and learn how to diagnose them.

cve.edu.au/tol/canine-abdominal-ultrasound
**Diagnostic Imaging**

**Practical Ultrasound – Intensive Short Course**
*(Seminar + Workshop)*

**Sydney | 39 CPD Points**
*(includes 6 CPD Points for optional Seminar)*

**Mon 3, Tue 4, Thu 6, and Fri 7 June 2019**
Optional Seminar: Wed 5 June 2019

**Mon 30 September, Tue 1, Thu 3, and Fri 4 October 2019**
Optional Seminar: Wed 2 October 2019

**VSCC, The University of Sydney**

**Karon Hoffmann** BVSc MVSc PhD DipVetClinStud MRCVS Dipl. ECVDI

**Annie Rose** BVSc (Hons) BVetBio. MVS MANZCVS (Radiology) GradCert(ClinEd)

**Martijn Beukers** DVM Dipl. ECVDI

Do you know what you are seeing when you are scanning? Can you follow blood vessels as a roadmap to the abdomen? Can you find the adrenal glands and pancreas? Do you have enough time to practise your scanning on normal dogs as well as clinical patients?

If you are time-poor but need an intensive boost to help you gain more confidence with your imaging, here’s your chance to make it happen!

Let Dr Karon Hoffmann work with you in an intensive, immersive practical 4-day course on Diagnostic Ultrasound, where you will spend a dedicated amount of time learning how to perform scans from the right foundations and improve your technique under the focussed guidance of these expert instructors.

Karon is known Australia-wide as the ‘go to’ person for ultrasound as well as being a European Boarded Specialist in Veterinary Diagnostic Imaging. She will instruct and give you personal and immediate feedback on your scanning, and teach you tips and tricks that will make a huge difference when you get back to your practice.

What’s even better is that Karon wants to help you develop that sense of achievement you’ll get when you climb to the next level of skill. Those confounding cases won’t seem so scary and you’ll be excited at the prospect of being able to perform ultrasound on all your cases. Better still, you’ll discover that you want to learn more, practise more and get even better as your confidence builds.

"This was a great enriching experience! I feel so much more comfortable and confident at ultrasound now!"

*Karen Flexner, Concord Vet Hospital*


Avian, Exotics & Wildlife

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Avian Orthopaedics & Beak Repair
Workshop ......................................................... 69
Reptile Medicine TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 4 - 31 March 2019

Robert Johnson BVSc MANZCVS (Feline Medicine)
CertZooMed BA

The aim of this course is to provide a good understanding of reptile husbandry, medicine and surgery. You will discover why reptiles are different from other animal classes in a biological, anatomical and physiological sense.

Many reptile disorders are related to suboptimal husbandry; hence, it is critical to have an understanding of reptilian biology and captive management to diagnose and treat reptilian disorders.

With this knowledge, you will be able to sound like a vet who has a real interest in reptiles and know how to handle a variety of species and take appropriate samples. Diagnostics, hospital care, anaesthesia, analgesia and critical care will be covered, along with the diagnosis and treatment of commonly occurring diseases and injuries.

The emphasis of this course will be on captive reptiles; however, interesting and relevant information on the diagnosis and treatment of some conditions in free-living animals will also be mentioned. On completion of this course, you should have gained a greater understanding of the veterinary care of reptiles, both captive and free living, which will give you more confidence in dealing with your reptile patients and clients and assist you in providing better outcomes for them.

By successfully completing this course, you will:

❖ Gain an understanding of the unique challenges posed by reptiles, captive and wild
❖ Gain an understanding of the impact of husbandry, good and bad, upon the health of captive reptiles
❖ Learn techniques to handle a variety of species and to take appropriate samples
❖ Review the diagnosis and treatment of commonly occurring and emerging diseases and injuries

Avian, Exotics & Wildlife

cve.edu.au/tol/reptile-medicine
Backyard Chickens

TimeOnline

Open to Vet nurses.

Online | 10 CPD Points

TimeOnline: 1 - 28 April 2019

Bob Doneley BVSc FANZCVS (Avian Medicine)
CMAVA

This course introduces backyard poultry to the clinician to allow comprehensive and effective workup and care for these patients.

Keeping a few chickens in the backyard has enjoyed a resurgence in popularity over the last decade, with the backyard chicken becoming one of the most common birds presenting for veterinary care.

This course aims to give you more confidence in approaching your backyard poultry cases by firstly providing an introduction to pet chicken medicine and then discussing common infectious and non-infectious diseases, anaesthesia and surgery.

By successfully completing this course, you will:

❖ Be able to apply the principles of SOAP to a pet chicken
❖ Understand the use (& restrictions) of common medications
❖ Understand common diseases of backyard poultry
❖ Understand how avian anatomy and physiology affects the use of anaesthesia in chickens
❖ Be familiar with common surgical problems in chickens.

cve.edu.au/tol/backyard-chickens

Rabbits & Rodents

TimeOnline

Online | 10 CPD Points

TimeOnline: 29 April - 26 May 2019

David Vella BSc BVSc (Hons) Dipl. ABVP (Exotic Companion Mammals)

Pet rabbits and rodents are presenting to veterinary practitioners in ever increasing numbers. As the numbers climb, so too does the general public’s expectations that veterinarians can provide these unique species with excellent veterinary care.

The pet rabbit and rodent patient can provide unique challenges that set them apart from the more common canine and feline medicine disciplines.

This course aims to provide the practitioner with a general overview of rabbit, guinea pig, rat and mouse veterinary medicine. Beginning with the basics in rabbit and rodent biology, the course will then explore clinical anatomy and physiology, husbandry, nutrition, preventative health, handling, restraint, clinical procedures, therapeutics, anaesthesia and common problems in rabbit and rodent health.

By successfully completing this course, you will be:

❖ Knowledgeable about biology, clinical anatomy and physiology, husbandry, nutrition and preventative health of rabbits and rodents
❖ Confident about handling, restraint, physical examination, clinical techniques and general anaesthesia of rabbits and rodents
❖ Confident in approaching pet rabbit and rodent patients and be able to formulate a measured diagnostic and therapeutic methodology to their common problems.

cve.edu.au/tol/rabbits-and-rodents
Avian Anaesthesia & Analgesia TimeOnline

Online | 10 CPD Points

TimeOnline: 3 - 30 June 2019

Bob Doneley BVSc FANZCVS (Avian Medicine)
CMAVA

Avian practice requires the frequent use of analgesia and anaesthesia to better manage patients and achieve good outcomes.

Yet many veterinarians are uncomfortable with, and nervous of, avian anaesthesia. And rightly so – Brodbelt’s study, The risk of death: the Confidential Enquiry into Perioperative Small Animal Fatalities, showed that avian patients are much more likely to die under anaesthesia than other species. Bob Doneley is firmly of the opinion that this higher risk is related more to how anaesthesia is managed, rather than an inherent susceptibility to death.

The management of pain in avian patients is another area of concern. As a ‘prey species’, birds are masters at concealing signs of pain from potential predators. As with other species though, pain has a detrimental effect on patient morbidity and mortality. Veterinary clinicians have both moral and clinical reasons to both recognise signs of pain and treat it effectively.

This course aims to provide practitioners with the information needed to better understand the requirements for the successful management of avian anaesthesia, to recognise signs of pain in their patients, and how to deal with it.

By successfully completing this course, you will:

❖ Understand avian anatomy and physiology as it relates to the effects of anaesthesia
❖ Be able to recognise signs of pain and develop an effective analgesic plan to manage it
❖ Understand the risks involved in avian anaesthesia and how to best prevent or minimise these risks
❖ Develop an anaesthesia plan for an avian patient.

cve.edu.au/tol/avian-anaesthesia-and-analgesia
Surgical intervention is frequently required for avian patients but is something that many veterinarians shy away from, citing the small size of the patient and probability of a poor outcome as their reason for not offering this service to their clients.

Surgery in birds is not simple, the outcome can be less than desired, but it can be done and it can be done well!

This course aims to teach practitioners the indications for surgery and give them the information needed to better prepare for, plan and perform a surgical procedure. Common approaches and techniques for both soft tissue and orthopaedic procedures are described. Post-operative care is discussed to ensure that the best possible outcomes are achieved.

By successfully completing this course, you will be:

- Understand surgical principles and avian physiology as they relate to the avian surgery
- Prepare a patient for surgery
- Perform basic soft tissue procedures with confidence
- Perform orthopaedic procedures with confidence
Emerging Wildlife Diseases **TimeOnline**

Open to Vet nurses.

**Online | 10 CPD Points**

**TimeOnline: 2 - 29 September 2019**

**Cheryl Sangster** BSc DVM MVSc DACVP MRCVS

**Currently working with wildlife or simply interested in learning more?**

In this course you will explore the diagnosis, pathology and epidemiology of the newest diseases of wildlife from around the globe while learning what defines a disease as emerging and the mechanisms by which this happens.

This course will provide you with a solid grounding in how and why diseases emerge, in a manner applicable to domestic species and humans as well. Emphasis will be placed on the investigative path, developing skills that can be applied to any disease outbreak. Learning about key wildlife diseases that may have not yet hit your region will prepare you to recognise these if and when they emerge.

This course is suitable for veterinarians at all levels, pathologists, pathology residents and veterinary students. Veterinary technicians/nurses, wildlife biologists and other professionals working in the wildlife sector are very welcome. Please be aware some aspects of the material will be most suitable for those with veterinary training.

**By successfully completing this course, you will:**

- Be able to evaluate a disease entity and determine if it is emerging and by what mechanism
- Be able to recognise the clinical signs/gross lesions of wildlife emerging diseases and suggest appropriate tests for confirmation
- Gain a rudimentary understanding of the investigative process associated with emerging diseases of wildlife
- Be able to critically evaluate proposed emerging diseases for evidence of emergence, evidence of causation and rationale of mechanism of emergence

[pos]}

cve.edu.au/tol/emerging-wildlife-diseases
Avian Medicine

**TimeOnline**

**Online | 10 CPD Points**

**TimeOnline:** 8 October - 4 November 2019

**Alex Rosenwax** BVSc MACVSc (Avian Health)

Avian consults can be difficult and often present as an emergency because owners do not understand normal bird behaviour or cannot recognise key symptoms that might indicate an important underlying problem.

In this course you will review and update your knowledge of avian anatomy, physiology and husbandry; handling and examination techniques; the collection of diagnostic samples; emergency procedures and housing; interpreting avian biochemistry and making the most of other in-house pathology; special requirements of avian radiography and common problems and syndromes.

The course will review when and which medication and/or surgical procedures may be necessary, once a diagnosis has been reached. Avian cases may often seem complex at first glance. This course aims to give you the knowledge and skills to approach them with confidence and give your patients the maximum chance of a successful outcome.

By successfully completing this course, you will have an improved knowledge of:

- Bird husbandry
- Common illnesses in birds
- The diagnostic tests available
- Treatment options

[cve.edu.au/tol/avian-medicine](cve.edu.au/tol/avian-medicine)

Avian Orthopaedics & Beak Repair Workshop

**Sydney | 10 CPD Points**

**Workshop:** Sun 20 October 2019

**Veterinary Science Conference Centre**
**The University of Sydney**

**Lorenzo Crosta** med vet, PhD, Gp Cert (Exotic Animals), Diplomate European College of Zoological Medicine (Zoo Health) European Specialist in Zoological Medicine

**Shiva Sawmy** BSc (Hons) Biol., BVM&S MRCVS

**Petra Schnitzer** med vet, GP-Cert Exotic Animal Practice, ECZM Resident (Avian)

**Bree Talbot** BScAgr(Hons) BVSc MANZCVS (Unusual Pets)

Birds are frequently brought to the vet for traumas and fractures which are common sequelae of such accidents. On the other hand, beak injuries are also common, especially when birds are kept in pair, or in flocks, of free flying in a home. Finally, young, hand reared birds may be presented with misshapen beaks, or limbs.

Most of these issues can be addressed, but there are different techniques for the different presentations, and species. The purpose of this workshop is to teach you how to diagnose the different problems, how to make a proper prognosis and finally, how to fix wings, legs and beaks of the most diverse avian patients.


Early Bird: 8 September 2019
Ethics, Welfare & Wellbeing

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Essential Wellbeing & Coping Skills for Veterinarians

TimeOnline

Open to Vet nurses.

Sydney | 10 CPD Points

TimeOnline: 15 April - 12 May 2019

Nadine Hamilton BSc (Psych) PGDip. Psych
MTrain&Dev EdD

Working as a veterinarian isn’t always easy. This course will introduce you to some of the essential skills for coping with the demands of your job, as well as strategies for maintaining your wellbeing.

This course is suitable for veterinarians at all levels.

This course aims to provide evidence-based strategies to help you effectively cope with the demands of working in the veterinary profession.

By successfully completing this course, you will be able to:

❖ Recognise your stressors and identify ways of handling these proactively

❖ Manage your time more efficiently to become more organised and have the benefit of reducing stress

❖ Implement key communication and assertiveness skills to help deal with clients and staff and minimise conflict

❖ Implement evidence-based strategies to cope with, and maintain, a healthy coping system and sense of wellbeing.

Modules:

1. Time and stress management: top tips for both stress management and time management
2. Communication and assertiveness: learn key skills for communicating effectively and assertively
3. Coping skills with ACT: using Acceptance and Commitment Therapy for effective coping
4. Boosting wellbeing with Positive Psychology: increase and maintain your wellbeing with Positive Psychology and learn how to live the good life

Open to Vet nurses.

cve.edu.au/tol/wellbeing-coping-skills
C&T Celebrates its 50th Anniversary

Thank You!

To the veterinary professionals who support and contribute to this unique and much-loved quarterly veterinary forum.

Altruistic Motivation

This achievement is all the more significant, given that veterinarians and other allied professionals who take the time and trouble to submit articles for publication do so for no monetary reward.

Rather, they are following in the generous footsteps of those who went before them – sharing their cases and experiences to add to veterinary knowledge and improve animal welfare everywhere.

Written By Vets For Vets

The brainchild of the legendary first Director of the CVE Dr Tom Hungerford OBE BVSc FACVSc HAD Fellow of the University of Sydney, Tom wanted a forum for uncensored and unedited material.

‘...not the academic correctitudes, not the theoretical niceties, not the super correct platitudes that have passed the panel of review... not what he/she should have done, BUT WHAT HE/SHE DID, right or wrong, the full detail, revealing the actual “blood and dung and guts” of real practice as it happened, when tired, at night, in the rain in the paddock, poor lighting, no other vet to help.’

Evolution of the Series

Through the imaginative stewardship of successive Directors: Drs Doug Bryden, Bill Howie, Michele Cotton and Hugh White, and Editors: Dr Richard Malik and Lis Churchward, The C&T has evolved into a full-colour, quality print publication. March 2012 saw the launch of the complementary eBook version which allows contributing vets to include high quality images, figures, diagrams and videos with their articles.

I enjoy reading the C&T more than any other veterinary publication

Terry King
Veterinary Specialist Services, QLD
One Welfare Conference II

Melbourne | 12 CPD Points

Conference: Mon 14 - Tue 15 October 2019
Veterinary Science Conference Centre
The University of Sydney

The CVE is honoured to be accepting the baton from Canada to host the second International One Welfare Conference in Sydney, Australia.

‘One Welfare describes the interrelationships between animal welfare, human well-being and the physical and social environment’ (Garcia Pinillos, 2018).

The first International One Welfare Conference, held in Winnipeg Manitoba in 2016, saw a gathering of national and international experts and decision makers in the fields of human and animal health and welfare to discuss the science, best practices, models and policies to manage complex issues.

The 2019 conference will extend the scope of the content covered as per the 2017 World Organisation for Animal Health’s (OIE) Global Animal Welfare Strategy which aims for:

‘a world where the welfare of animals is respected, promoted and advanced, in ways that complement the pursuit of animal health, human well-being, socio-economic development and environmental sustainability’

Join us and learn from acclaimed International Keynote Speakers:

David Fraser BA, Psychology, PhD, Zoology
Rebeca García Pinillos PhD DipECAWBM(AWSEL) MRCVS
Mark Schipp BSc BVMS
David Raubenheimer BSc (Hons) MSc DPhil

Early Bird: 1 September 2019

cve.edu.au/conference/one-welfare-conference-ii

Like to purchase the paperback for AU$40?

Note: 25% of printed book sales profit from this website will go towards the crowdfunding campaign to make the e-book free access and 75% into the One Welfare Community Interest Company to support the dissemination and implementation of One Welfare. More information here onewelfareworld.org/book
Four-Words, Forwards! Workshop

Sydney | 10 CPD Points

Workshop: Wed 16 October 2019
Veterinary Science Conference Centre
The University of Sydney

Anne Fawcett BA(Hons) BSc(Vet)(Hons)
BVSc(Hons) MVetStud GradCertEdStud MANZCVS
Dipl. ECAWBM

Other speakers to be advised.

More information coming soon.
Visit cve.edu.au/education for the latest updates.

We will shortly be announcing the program of the exciting 1-day workshop devoted to mental health and wellbeing for the veterinary profession - Four-Words, Forwards!’ - using the funds raised from last year’s Vet Cookbook. A complementary topic to One Welfare, this is a heads-up for those of you planning leave and airfares.

DEVOTE 3 DAYS TO WELFARE

One Welfare Conference II (2 days) + Four-Words, Forwards! (1 Day)

To encourage you to enrol in the 3rd day we are offering you a 50% discount for the mental health and wellbeing workshop.

In collaboration with ‘One Welfare’ project node of the Charles Perkins Centre
Equine & Ruminants

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Goat Medicine & Husbandry TimeOnline. 78
Beef Production Medicine Distance
Education .................................................. 79
Prevention & Treatment of Neonatal Calf
Disease TimeOnline ................................. 81
Salmonella - Cast it out! PodcastPLUS.......81
Ruminant Nutrition Distance Education

Online | 341 CPD Points

DE: 1 February – 30 November 2020
Workshop/s: 3-day workshop
(runs even years only)

Maximise the output of your clients’ operations and learn how to better manage nutritional problems.

This course aims to help you develop the knowledge and tools necessary to achieve optimal nutritional outcomes in beef and dairy cattle and sheep enterprises.

The course emphasises an evidence-based approach to nutritional management and will focus on key topics including the development and physiology of the rumen, feed intake and its utilisation, the management and prevention of nutritional deficiencies, metabolic disease and the achievement of optimal nutritional outcomes. This course will be highly valuable to any veterinarian working in a farming environment or looking to develop their nutritional consultancy as well as those who are intending to study with the Australian and New Zealand College of Veterinary Scientists (ANZCVS) in animal nutrition (ruminant).

By successfully completing this course, you will:

❖ Gain the ability to assess the standard of nutritional management of a given enterprise
❖ Gain the ability to assess rations and have a basis for understanding ration formulation.

Modules:

1. Rearing preruminants and managing the transition to ruminant
2. Physiology of the rumen, ruminant growth and lactation
3. Pasture, crop growth and utilisation
4. Feed processing and feedstuffs
5. Diagnosis, treatment and prevention of metabolic diseases
6. Diagnosis, treatment and prevention of chronic nutritional deficiencies
7. Systems for describing ruminant nutrient requirements
8. Nutritional management of the beef/sheep enterprise
9. Nutritional management of the dairy enterprise
10. Nutritional management of the feedlot

If you need to learn about Ruminant Nutrition you need to enrol into this course, no second guessing, just give it a crack.

Todd Donaldson

[cve.edu.au/de/ruminant-nutrition](cve.edu.au/de/ruminant-nutrition)

Super Early Bird: 30 June | Early Bird: 31 October 2019
Equine Lameness
TimeOnline

Online | 10 CPD Points

TimeOnline: 17 June - 14 July 2019

**Ben Ahern** BVSc (Hons I) MACVSc Dipl. ACVS Dipl. ACVSMR
**Alex Young** BVSc (Hons I) DACVR Dipl. ACVR

This course aims to help you diagnose and treat challenging equine lameness cases.

This course will review and provide key tips on how to do an effective physical exam, when and how to use diagnostic analgesia and the pros and cons of different techniques.

We will delve into imaging and you will discover what modality to choose and how to get the best results. We will then discuss advanced imaging to find out what other imaging options there are, and how to use that information. Finally we will review advances in treatment options, what is new and why does it work (or not).

By successfully completing this course, you will be able to:

❖ Understand the range of options for getting to an accurate diagnosis of complicated lameness cases
❖ Describe a range of imaging techniques that are available and can be used to improve case outcomes both from the general practitioners’ point of view and through referral
❖ Observe multimedia demonstrations of techniques and case outcomes
❖ Update your knowledge of new and emerging treatment options.

cve.edu.au/tol/equine-lameness

Goat Medicine & Husbandry
TimeOnline

Online | 10 CPD Points

TimeOnline: 8 July - 4 August 2019

**Sandra Baxendell** PSM, BVSc (Hons), PhD MANZCVS, GCertAppSC (RurExt), GCertPsectMgt, PGDAppSc, MRurSysMan

Pet goats are becoming more popular and commercial goat herds are growing in size and distribution, so it is important that veterinarians are up to date with their knowledge to provide the best service to goat clients.

Goats have some key differences from sheep and cattle but once these are known, diagnosing and treating goats becomes a lot easier. This course will cover the main diseases of goats (both pet and commercial) as well as biosecurity measures to address untreatable diseases that need to be eradicated or kept out of goat herds. The tutor has run her own commercial dairy goat farm and stud as well as working with large goat farms. She has a goat only vet practice in Brisbane and runs regular training courses for goat breeders across Australia.

By successfully completing this course, you will be able to:

❖ Evaluate a flat kid and treat kids for common diseases
❖ Carry out common basic surgical husbandry procedures
❖ Develop a biosecurity plan after evaluating the existing disease status of a goat herd
❖ Recognise and treat common diseases of goats
❖ Construct a worm control plan for a goat herd

cve.edu.au/tol/goat-medicine-and-husbandry
Beef Production Medicine Distance Education

Online | 309 CPD Points

DE: 1 February – 30 November 2019
Workshop/s: 1 x 2-day workshop
(runs odd years only)

Paul Cusack BSc BVSc (Hons) MVSt MAgribus PhD MACVSc

Add-value to your services by using evidence-based approaches to cattle medicine and production problems that increase your client’s bottom line.

By appreciating the implications of individual animal diagnoses for herd health, critically evaluating disease management practices and assessing the financial effects of disease management recommendations, you can improve your client’s bottom line.

Develop a systematic, evidence-based approach to dyspnoea, ill-thrift, reduced weaning rates, gait abnormalities and sudden death and use epidemiological and financial analytical tools to evaluate the efficacy and cost-effectiveness of control measures. You’ll become indispensable to your clients.

By successfully completing this course, you will:

❖ Be able to describe the principles of herd health to colleagues and clients
❖ Develop the skills to work-up common primary presenting complaints in individual animals and herds
❖ Be able to use epidemiological tools to assess the impact of disease, as well as interventional and management strategies, on herd health
❖ Develop your ability to evaluate the cost-effectiveness of preventative and control measures

❖ Develop an evidence-based approach to disease management practices
❖ Understand the pace of change in beef cattle medicine and know where to source the latest information and protocols

Modules:

1. Epidemiology and Agricultural Economics
2. Dyspnoea
3. Ill Thrift 1
4. Ill Thrift 2
5. Ill Thrift 3
6. Failure to Wean a Calf 1
7. Failure to Wean a Calf 2
8. Failure to Wean a Calf 3
9. Gait Abnormalities
10. Sudden Death

Outstanding tutor who helped me whenever needed.

Clayton Knight, QLD

cve.edu.au/de/beef-production-medicine

Super Early Bird: 30 June | Early Bird: 31 October
NEW PRODUCT RELEASE

RAD-X® DR CX3A-Mobile
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RAD-X® DR X1A Rover Portable

Canon
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Portable

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- Crossbeam
- Auto Optimisation and more....

LOGIQ e
NEXT GEN
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- Raw data processing
- New “Button” probes
- New Rectal probe
- Full cardiac options

QUALITY PRODUCT - RELIABLE SERVICE - HONEST ADVICE
Prevention & Treatment of Neonatal Calf Diseases
TimeOnline

Online | 10 CPD Points

_TimeOnline:_ 25 February - 24 March 2019

**Alison Gunn** BVSc MVS MANZCVS GradCert (HE)
**Zoe Vogels** BVSc MANZCV

It is essential that dairy farmers rear thriving health calves, as recent research has shown that disease in the first few weeks of life has ongoing impacts on the health and production of that calf well into the first few lactations.

This course will use a case-based approach to provide you with the latest information on the critical steps to prevent disease in neonatal dairy calves and guide you through a logical approach to investigating and treating disease outbreaks.

By successfully completing this course, you will be able to:

- Apply best practice colostrum management and investigate a program’s effectiveness on farm
- Perform a thorough and comprehensive clinical exam on a sick calf including ancillary diagnostic tests and prevention and treatment of pneumonia
- Describe how to determine the appropriate fluid therapy required by a calf and how to administer fluid therapy on farm
- Know the major causes of abdominal and neurological disease in calves explain how to diagnose and treat them.

Salmonella - Cast it Out! PodcastPLUS

Online | 1 CPD Point

_PodcastPLUS:_ 25 July 2019

**Zoe Vogels** BVSc MANZCV

Outbreaks of _Salmonella_ can be challenging and stressful to deal with. Additionally, the pathogen can become endemic on farm, occurring in cows and calves year after year. This podcast will cover key steps to approaching the outbreak in calves and milking herds as well as briefly discuss _Salmonella_ in other ruminants.

By successfully completing this course, you will:

- Understand _Salmonella_ structure, nomenclature and vaccination
- Review key steps in approaching an outbreak in calves
- Review key steps in approaching an outbreak in a milking herd
- Learn about _Salmonella_ in other ruminants
The Centre for Veterinary Education offers significant and relevant membership benefits to those veterinary professionals committed to becoming ‘better vets’ through lifelong continuing education. There’s a member type for whatever stage you’re at in your veterinary career.

### CVE Membership Meets Your Needs

**Members Enjoy Major Benefits**

- PodcastPLUS Series – 10 per year led by experts on a variety of subjects and species allow you to earn 1 CPD structured point each FREE (50% discount for eMembers)
- Access veterinary content 24/7 through our website:
  - Video Library – curated into 14 Series
  - CVeLibrary – 50+ years of veterinary publications

### Member Benefits

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<td>publications</td>
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<td><strong>10% discount on Centre for Continuing Education (CCE) courses at th</strong></td>
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<tr>
<td>e University of Sydney</td>
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<tr>
<td><strong>Access to the CVeLibrary, a searchable archive containing 50+ years</strong></td>
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<td>alerts, call for cases and promotions</td>
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<tr>
<td><strong>Who can join?</strong></td>
<td>Veterinary practice by location. No limit on the number of staff at each practice</td>
<td>Individual Veterinarians</td>
</tr>
<tr>
<td><strong>Membership Fee</strong></td>
<td>$695</td>
<td>$390</td>
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[Control & Therapy Series (C&T) forum subscription – quarterly publication (print + eBook)]

FREE access to the CVE PodcastPLUS series

Member discounts for CVE Conferences, Seminars and TimeOnline professional development courses

Member discounts for CVE Distance Education courses

Member discounts for CVE hands-on Workshops

25% discount on CVE Vetbookshop titles: conference proceedings, textbooks, C&T subscription, DVDs & more

25% discount on Wiley-Blackwell & 10% discount on Elsevier veterinary publications

10% discount on Centre for Continuing Education (CCE) courses at the University of Sydney

Access to the CVeLibrary, a searchable archive containing 50+ years of veterinary publications

Monthly CVENews – news, professional development opportunities, vet alerts, call for cases and promotions

Annual membership certificate

Who can join?

Membership Fee
Join the CVE community and become a member today. Achieve new career heights through continuing professional development.

<table>
<thead>
<tr>
<th>Part-Time Professional</th>
<th>Recent Grad Member</th>
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<th>Student Member</th>
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Veterinarians working part-time (20h or less per week)

Veterinary graduates, first 3 years after graduation

Veterinarians and support staff Australian and International

Veterinary students†

Veterinary academic staff†

$195 $195 $85 FREE FREE

*Discount on the full non-member rate †Proof required for this membership application
**Conference Fees**

Cardiorespiratory Conference & Workshop (5 days)
Critical Care in Internal Medicine & Surgery Conference & Masterclass (5 days)
Neurology Conference (4 days)
One Welfare Conference II + Four-Words, Forwards! (2 days conference + 1-Day workshop)
See website for pricing cve.edu.au

<table>
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<tr>
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**Seminar Fees**

Oncology Seminar (1 day)
Cat Catch-Up: Update Your Feline Medicine Skills Seminar (1 day)

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**Ophthalmology: Theory & Practice (2 days)**
**Dentistry: Theory & Practice (2 days)**
**Practical Ultrasound Intensive Short Course (4 days)**

**Workshop Fees**

Basic & Advanced Echocardiography (1 day each)
Basic & Advanced Anaesthesia (1 day each)
Stress Free Surgery (1 day)
Soft Tissue Surgery I and II (1 day each)
Rabbit & Rodent Dentistry (1 day)
Back to Basics: Diagnostic Ultrasound (1 day)
Avian Orthopaedics & Beak Repair (1 day)
Canine Soft Tissue Surgery (1 day)
Feline Surgery Made Easy (1 day)

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**Dentistry & Ophthalmology – Seminar & Workshop (2 days)**

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**Oncology – Seminar & Workshop (1 day)**

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**Practical Ultrasound – Seminar & Workshop (4 days)**

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**Hip & Stifle Surgery Workshop (1 day)**
**Bone Plating Surgery Workshop (1 day)**

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**Wing Tip Wong Workshops (1 day)**

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Pricing information for each course can also be found on our website cve.edu.au
### Distance Education Fees

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*Member includes: Practice, Professional and Academic members.

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

Online:
cve.edu.au

You can register for our courses online. Simply visit the CVE website, choose your course and follow the prompts to register.

Discounts and nurse registrations cannot be processed online. Please contact the CVE on the phone or by email.

Phone and email:

(02) 9351 7979
cve.enquiries@sydney.edu.au

Mail or fax:

CVE – Veterinary Science Conference Centre
Regimental Drive, The University of Sydney
NSW 2006

Fill out the downloadable registration form and post it to us (cve.edu.au/files/registration-form.pdf).

Or, if you’re old-school, fax it to us on: (02) 9351 7968

Cancellation Policy

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.

Distance Education specific:
If you wish to register to secure a place in a Distance Education program you will be required to pay a $1000 non-refundable deposit. Full payment must be made 10 working days prior to the course commencement date. Early bird discount rates are available to those who register and pay in full by the end of an early bird period. For full terms please visit: cve.edu.au/terms-policies
OUR PHILOSOPHY

Sharing Expertise to protect and improve health worldwide. Our philosophy unites us at B.Braun.

Sharing Expertise demonstrates what drives us, how we achieve our goals, what we stand for, what sustains us, and how we communicate with our
OUR PHILOSOPHY

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Sharing Expertise demonstrates what drives us, how we achieve our goals, what we stand for, what sustains us, and how we communicate with our
Invest in the continuing professional development of your vets and staff.

Get Practice Membership
cve.edu.au/membership