Distance Education
Internal Medicine: A Problem Solving Approach

Advance your problem-solving skills to develop a rational, pathophysiological-based approach to treating 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.

Course dates
1 February – 30 November, 2017
8 Modules | Delivered online

Workshops
2 x 1-day workshops
Date TBC

Tutors
Jill Maddison
BVSc, DipVetClinStud, PhD,
FACVSc, MRCVS
Sue Bennett
BSc, BVMS, MANZCVS, FANZCVS

270 CPD POINTS
About the course

Learning outcomes

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 and 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
   The aim of this module is to introduce you to problem-based medicine and provide the basis for you to develop a rational and logical diagnostic and therapeutic approach to the problem of the vomiting patient.

2. Diarrhoea
   The aim of this module is to develop a pathophysiologically sound diagnostic and therapeutic approach to the problem of diarrhoea in cats and dogs.

3. Anorexia and Weight Loss
   The aims of this module are to develop a pathophysiologically sound diagnostic approach to the problem of weight loss in cats and dogs and to understand the principles important in the rational management of exocrine pancreatic insufficiency and diabetes mellitus.

4. Polyuria/Polydipsia and Urinary Incontinence
   The aims of this module are to understand the principles of renal function relevant to water, sodium and urea homeostasis, to develop a logical diagnostic approach to the patient with polyuria/polydipsia and to develop a pathophysiologically sound diagnostic approach to the patient with urinary incontinence.

5. Jaundice, Pale Mucous Membranes and Pyrexia
   The aims of this module are to understand the principles of bilirubin metabolism and how this relates to the pathophysiology of jaundice and to develop a logical diagnostic approach to the jaundiced patient, the patient with anaemia and the problem of pyrexia of unknown origin.

6. Epistaxis and Haematuria
   The aims of this module are to understand the basis

7. Coughing, Sneezing and Effusions
   The aim of this module is to develop a logical diagnostic approach to the patient with respiratory dysfunction, in particular, by maximising the value of the history and physical examination in narrowing the diagnostic options, thus allowing you to gain the maximum advantage from selected diagnostic procedures.

8. Episodic Weakness and Seizures
   The aim of this module is to develop a pathophysiologically sound approach to the diagnosis and management of the problems of seizures, syncope and weakness.

Workshops

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

Payment plans

Payment plans are available. For more information or to arrange your payment plan please contact the CVE Team on +61 2 9351 7979

Past Participant

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

- Expand your practice’s capacity to service clients at a higher level
- Pursue your passion and develop your career by immersing yourself in an in-depth learning program that will challenge and change your practice.
- Learning is more than just accessing information. Develop your understanding, skills and abilities by combining the latest evidence based information with individual feedback and mentoring from your tutor, a leading veterinary expert.
- Flexibility – online access to your course materials means that you can study anywhere and at any time.
- Expand your practice’s capacity to service clients at a higher level.
Jill Maddison
BVSc, DipVetClinStud, PhD, FACVSc, MRCVS

Jill is a graduate of the University of Sydney. She completed an internship at the University of Sydney, spent 18 months in full time private practice in Sydney then completed a residency in small animal medicine at the University of Guelph, Canada. She returned to Australia and completed a PhD entitled *Neurochemistry of Hepatic Encephalopathy* at The University of Sydney. She was a senior tutor and clinician in the Department of Veterinary Clinical Sciences at the University of Sydney from 1987 and from 1990-2000 was a senior lecturer in the Department of Pharmacology. During this time she also worked in general and specialist veterinary practice and was a consultant for a veterinary clinical pathology lab. In 2000 she became the Director of the Veterinary Science Foundation at the University of Sydney. Jill moved to the UK with her family in April 2001. From 2002 she was a veterinary clinician and lecturer at the Royal Veterinary College, London based at the college’s first opinion practice and was appointed a Fellow at Girton College, Cambridge where she tutored in pharmacology. She is currently Professor of General Practice and Director of Professional Development and Extramural Studies at the Royal Veterinary College (RVC). She is actively involved in undergraduate teaching and CPD at the RVC in the areas of small animal medicine, clinical problem solving and clinical pharmacology. Jill has published over 60 refereed papers in veterinary and medical journals and is the senior editor of *Small Animal Clinical Pharmacology*, the 2nd edition of which was published by Elsevier in 2008. She is also co-editor of *Clinical Reasoning in Small Animal Practice* published by Wiley-Blackwell in March 2015. She has lectured extensively around the world on clinical problem solving, small animal internal medicine and clinical pharmacology. Jill was co-chair of the Scientific Program Committee for the World Small Animal Veterinary Association Congress held in Sydney in 2007 and is coordinator for the clinical CPD streams at The London Vet Show. She is also the chair of the World Small Animal Veterinary Association Continuing Education Committee. To keep in touch with the realities of private general practice she consults at a local veterinary practice and at the RVC’s first opinion practice, the Beaumont Sainsbury Animal Hospital.

Sue Bennett
BSc, BVMS, MANZCVS, FANZCVS

Sue Bennett is a graduate of Murdoch University and spent the first half of her working life in general practice before training for specialist qualifications in Small Animal Medicine through the Australian College of Veterinary Scientists and the University of Melbourne, attaining the qualification in 2009. From 2007-2015, Sue worked as a Registrar and then as a Lecturer at Murdoch University. In many ways, Sue is a product of the Centre for Veterinary Education. Sue worked in NSW as a graduate and was a grateful participant in many of the Symposia, Workshops and Distance Education courses offered by the Sydney Postgraduate Foundation from which this current organisation has arisen. Sue is a co-tutor with Jill Maddison in the very popular CVE distance education course – Internal Medicine: A problem solving approach.

Related CPD

**Distance Education**

**Internal Medicine: Keys to Understanding**

Tutors: Darren Merrett, Jen Brown & Kate Hill

**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, which 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 for your cases. We hope you continue to build on this foundation with experience and further study.

**Personal details**

I am a CVE/ISFM/AAFP Member:  □ Yes  □ No
Category: .................................................................
First Name: ............................................................
Surname: ............................................................... 
Practice Name: ....................................................... 
Address: ....................................................................
Suburb: .....................................................................
State: ................................................................. Postcode:..........................
Country: ....................................................................
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**Course fees**

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<tr>
<th></th>
<th>Member*</th>
<th>Non-member / eMember</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super early bird – expires 30 June, 2016</td>
<td>$5,970</td>
<td>$6,285</td>
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<tr>
<td>Early bird – expires 31 October, 2016</td>
<td>$6,270</td>
<td>$6,600</td>
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<tr>
<td>Full course rate</td>
<td>$6,470</td>
<td>$6,810</td>
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Member* includes: Practice, Professional, Part-time, Recent Graduate and Academic members.

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

**Payment**

- □ Cheque  Please make cheque payable to the Centre for Veterinary Education
- □ Credit Card  Visa / Mastercard

Amount authorised to charge: ...........................................
Card No: ..................................................................
Name on Card: ................................................................
Signature: ................................................................
Expiry Date: ................................................................

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**Register online**

[www.cve.edu.au/de/imps](http://www.cve.edu.au/de/imps)

Alternatively, complete the registration form

**Or, send us your registration by**

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Vetinary Science Conference Centre
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The University of Sydney NSW 2006 Australia