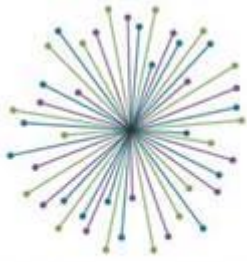


CEVM Newsletter
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The University of
Nottingham

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**CENTRE FOR EVIDENCE-BASED
VETERINARY MEDICINE**
Putting research into practice

Centre for Evidence-based Veterinary Medicine Newsletter



Dr Kathryn Wareham presenting 'Improving the quality of veterinary randomised controlled trials' at the Evidence Live 2016 conference in Oxford in June.



The Sydney Skyline – Marnie Brennan spent two weeks in Sydney delivering EVM training and presenting at conferences

Welcome to the latest newsletter from the Centre for Evidence-based Veterinary Medicine (CEVM), www.nottingham.ac.uk/cevm.

Please forward this e-mail on to any colleagues who you think may be interested—they can sign up for future newsletters using our mailing list (<http://lists.nottingham.ac.uk/mailman/listinfo/cevm-mailing-list>).

New publications

[Factors influencing common diagnoses made during first-opinion small-animal consultations in the United Kingdom](#)

N.J. Robinson, R.S. Dean, M. Cobb, & M.L. Brennan (2016) *Preventative Veterinary Medicine* (Online) – Open access

[International Evidence-Based Medicine Survey of the Veterinary Profession: Information Sources Used by Veterinarians](#)

S. J. Huntley, R.S. Dean, A.Massey, & M.L. Brennan (2016) *PLOS One* (Online) – Open access

[Stress in new graduates: can the profession do more to help?](#)

R. E. W. Halliwell, M. Downes, V. J. Adams, R. Allister, W. Harrison, R. J. Mellanby & R. S. Dean (2016) *Veterinary Record* 178:635-636 – Open access

[Broken biosecurity? Veterinarians' framing of biosecurity on dairy farms in England](#)

O. Shortall, A. Ruston, M. Green, M. Brennan, W. Wapenaar & J. Kaler (2016) *Preventative Veterinary Medicine*

[The attitudes of owners and veterinary professionals in the United Kingdom to the risk of adverse events associated with using non-steroidal anti-inflammatory drugs \(NSAIDs\) to treat dogs with osteoarthritis](#)

Z. Belshaw, L. Asher & R. Dean (2016) *Preventive Veterinary Medicine* 131: 121–126 – Open access

BestBETs for Vets

Three new BETs have been added to our free online database **BestBETs for Vets** (<http://bestbetsforvets.org>):

- [PRID-Delta vs CIDR in dairy cattle and subsequent pregnancy rate with artificial insemination](#)
- [Telmisartan versus benazepril in the treatment of proteinuria associated with feline CKD](#)
- [The effect of intrauterine cephalosporin on subsequent fertility in cows with clinical endometritis](#)

BETs (best evidence topics) are simple reviews of the current best evidence available to answer simple, common and specific clinical questions. They are designed to be a quick and achievable method of enabling the incorporation of evidence into clinical practice. BETs start with a very specific clinical question. A systematic literature search is then carried out to find available evidence. The relevant literature is critically appraised for quality and a “bottom line” (the answer to the question) is reached based on this evidence. BETs do not tell you what to do, they tell you about the evidence on a certain topic—the aim is to give an unbiased view of the evidence found.


You can subscribe to receive BET updates or submit a question [here](#) .

VetSRev database

VetSRev (www.nottingham.ac.uk/cevm/vetsrev), our free database of systematic reviews relevant to veterinary medicine and science, continues to grow as we search for newly published reviews each month. There are now nearly 550 systematic reviews in the VetSRev database.

Examples of recently added reviews in VetSRev include:

- [Systematic Review of Outcome Measures Reported in Clinical Canine Osteoarthritis Research](#)
- [A systematic review of human and veterinary applications of noninvasive tissue oxygen monitoring](#)
- [Critically appraised topic on adverse food reactions of companion animals \(1\): duration of elimination diets](#)
- [A meta-analysis of the effects of nonphytate phosphorus on broiler performance and tibia ash concentration](#)

You can keep up to date with newly published systematic reviews using our **RSS feed**. From the [VetSRev website](#) just click on the Feeds button  in your web browser. The RSS feed shows the most recently added reviews. If you subscribe to the RSS feed via your Feeds button, you will be alerted automatically every time a review is added.

To learn more about VetSRev take a look at our introductory guides [About VetSRev](#) and [Getting started with VetSRev](#).

Presentations by CEVM members

Zoe Belshaw presented a poster entitled “Owners searching the internet: Threat to vets or helping pets?” at the [Recent Advances in Animal Welfare Science V](#) conference held in York in June.

Kathryn Wareham presented a talk at [Evidence Live](#) in Oxford in June called ‘Improving the quality of veterinary randomised controlled trials’.

Marnie Brennan presented at the [Australian and New Zealand College of Veterinary Scientists \(ANZCVS\) conference](#) at the Gold Coast, Australia with a talk entitled ‘The quantitative outcomes of a One Health approach to study complex health issues: A systematic review’. There were a number of talks about One Health which generated a lot of interesting debate about how to measure the effectiveness of One Health approaches.

Marnie also delivered some training for the staff within the [Faculty of Veterinary Science](#) at the University of Sydney on evidence-based medicine and practice between 11th and 13th July. The vet school has an ‘evidence based practice’ theme running through their new DVM course. There was a lot of good discussion about how to engage students with EVM, how to make existing evidence-based approaches more transparent for the students and how to badge activities as EVM. We wish them the best of luck in their endeavours and hope that they keep in touch and update us on their progress!

Marnie also spoke at the University’s [Partners in Veterinary Education \(PiVE\) practitioner conference](#), with a number of talks on what EVM is, how you can be an evidence-based practitioner, and how to conduct clinical audits in veterinary practice. Peter Higgins and the team were gracious hosts, and presented Marnie with a special University pin usually reserved for eminent Faculty members and prominent figures!

Upcoming presentations

[ECVIM conference 8-10th September](#)

Marnie will be presenting two talks on Thursday 8th September “Translating new evidence into best practice” at 9.45am and “The quality of veterinary trials in veterinary medicine and the common at mistakes” at 11.20am in Room F3.

Marnie and **Zoe** will also be running a Resident Masterclass “Interpreting the scientific literature” at 2.25pm on the Thursday afternoon.

[BCVA Congress 20th – 22nd October](#)

Marnie Brennan will discuss ‘Decision making around the use of vaccination in cattle practice’ alongside Wendela Wapenaar at 12pm on the Friday in the Jersey Room.

Katie Waine will be presenting a talk called ‘A practical approach to clinical audit in farm animal practice’ at 5pm on the Friday in the Jersey Room.

[RCVS Knowledge Veterinary Evidence Today Conference 1-3rd November](#)

Rachel Dean will deliver a plenary session called 'Irrelevant, irrelevant, irrelevant! Time to change our approach to research?'

Katie Waine will give a short presentation on 'Clinical audit experiences of veterinary surgeons undertaking farm animal work in the UK' on the Wednesday.

Hannah Doit will present work on the Thursday entitled 'The Veterinary Clinical Trials Network- a pragmatic approach to filling the evidence gaps for veterinary practice'

[London Vet Show 17th – 18th November](#)

Rachel Dean and **Jenny Stavisky** will present 'Management and prevention of infectious disease in animals in shelters/multi animal environments' in the RCVS Clinical Theatre 2 on the Friday at 1.30pm.

Rachel Dean will also present 'Maximising CPD value by bringing learning back into the practice' on the Friday in the BVA Careers Development stream at 10.20am.

Zoe Belshaw will be talking in the BVA Congress stream on the Thursday afternoon 'Walk like a vet; think like a client' and in the RVC stream on the Friday morning 'Why won't they treat it? Reducing the frustrations of managing canine osteoarthritis in general practice'.

CPD

[Sources of evidence for practitioners: what do I use and which ones are best?](#)

Finding and assessing evidence is a core skill for veterinary practitioners to ensure clinical decisions are based on good science. This workshop will focus on practical, time-effective ways of finding and critiquing common types of evidence available to veterinary practitioners. This includes how to assess the quality and usefulness of scientific papers. This one-day course is being run by the CEVM and will be held at Nottingham Vet School on the 19th September 2016.

[Using an evidence-based approach in your practice](#)

Thanks to funding from the Biotechnology and Biological Sciences Research Council (BBSRC), the CEVM has developed a new evidence-based veterinary medicine training programme.

The new training has three key areas and will be delivered through a range of distance learning, real-time online tutorials and face-to-face workshops. The three areas are:

- What is evidence-based veterinary medicine and why is it important?
- How do I find and appraise the evidence?
- How do I apply the evidence-based veterinary medicine approach to my practice?

Enrolment is open now for the course beginning 1st November 2016. The CEVM are delighted to be able to offer a bursary for this course which covers the full registration costs for an individual veterinary surgeon. If you are interested in applying for this bursary please

email cevm@nottingham.ac.uk. For more details or to book onto the course, please visit www.nottingham.ac.uk/vet/cpd

Dog and cat vaccination consultation survey

We have recently launched a global survey of veterinary surgeons which focuses on booster vaccination consultations involving dogs and cats. As well as asking veterinarians what they currently do during these consultations, the survey aims to gather opinions on ways in which the benefits of these consultations can be maximised. The results of the survey will contribute to developing a practical tool for use during the preventative healthcare consultation, which will be freely available to veterinarians worldwide.

The survey will take around 10-15 minutes to complete, and can be completed anonymously at: www.surveymonkey.co.uk/r/boostervaccinations

Further details about the preventative healthcare project can be found at: <http://www.nottingham.ac.uk/cevm/practice-based-research/preventative-healthcare/preventative-healthcare.aspx>

Spotlight on our research



This month CEVM PhD student Louise Corah introduces herself and her PhD

I started my PhD in April 2016. I am working jointly with the Centre for Evidence-based Veterinary Medicine and the Clinical Education group in the School of Veterinary Medicine and Science, with my primary aim being to try and define what makes a good veterinary consultation. In order to achieve this, I have begun by undertaking a review of the available peer-reviewed literature on specific health problem consultations in cats and dogs. I am looking for research which either describes the consultation or, ideally, measures something about it. By doing this I hope to identify factors associated with success. This will help inform the next stage of my PhD – gathering information from pet owners, practicing vets and veterinary business owners via a mixture of focus groups and interviews to assist in my goal of defining what makes a good veterinary consultation.

Before starting at the CEVM I worked in various types of small animal practice, including a busy inner city charity and completing an internship. I feel passionately about veterinary consultations and their importance in the Veterinary Surgeon-Client relationship. Because of this, I was keen to assist with some of the final year clinical teaching and I have been lucky enough to be able to help with the Vets in the Community and Shelter medicine teaching. I look forward to developing my teaching skills further as I progress with my PhD.

Find out more about the CEVM

To find out more, take a look at the CEVM website (<http://www.nottingham.ac.uk/cevm/index.aspx>).

You can also join our mailing list to keep you informed of future developments (<http://www.nottingham.ac.uk/cevm/contact-us/mailling-list.aspx>).

If you would like to get involved with any of the CEVM's projects or have any questions about our work, please e-mail us at cevm@nottingham.ac.uk.

Follow us on Twitter: @CEVetM (<https://twitter.com/CEVetM>)