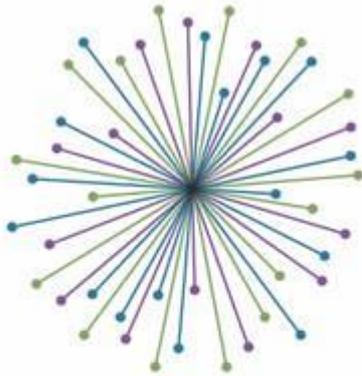


CEVM Newsletter
Issue 13, November 2016



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

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>).

News

Centre for Evidence-based Veterinary Medicine is AWARD WINNING!

CEVM were awarded the inaugural [Veterinary Record Evidence Award](#) which was created to recognise contributions to the development of evidence-based veterinary medicine or its application in practice. **Rachel Dean**, director of the CEVM, went to collect the award at the BVA Members Day held in September. We are all very proud to have been nominated by the profession!



*Rachel Dean collected the Veterinary Record Evidence Award at the BVA members day
From Left to Right: Martin Adler (Editor of the Veterinary Record), Rachel Dean, Andy Sparkes
(Veterinary Director of International Cat Care) and Sean Wensley (outgoing President of the BVA)
with the award*



Veterinary Record Evidence award

Adelle Bowden, alongside other members of Nottingham Vet School staff has been working in collaboration with The British Horse Society (BHS) to develop evidence based resources for horse owners on equine colic. REACT was launched in September at the BHS annual welfare conference,

and the materials are all available at <http://www.bhs.org.uk/welfare-and-care/react-now-to-beat-colic>

Adelle has also been successful in obtaining a position in academia. She will be working as a Teaching Associate in Clinical and Professional Skills at Nottingham Vet School, initially on a part time basis whilst she finishes her PhD, before becoming full time in January 2017.

Hannah Doit recently won 1st prize for the best Year 1 Postgraduate Poster at a presentation day within the University of Nottingham School of Veterinary Medicine and Science. Her poster was entitled "What is important in canine osteoarthritis research?" and featured work from her PhD asking the owners, vets and nurses who treat and care for dogs with osteoarthritis which questions they think future research into this condition should address. Questions have been submitted from over 150 people so far, and at this time the survey remains open and can be accessed here: <http://www.nottingham.ac.uk/cevm/practice-based-research/small-animal/dogs-with-arthritis.aspx>

New publications

[Factors influencing veterinary surgeons' decision-making about dairy cattle vaccination](#)

I. F. Richens, P. Hobson-West, M. L. Brennan, Z. Hood, J. Kaler, M. Green, N. Wright & W. Wapenaar (2016) *Veterinary Record* 179: 410 – Open access

[A method for extracting electronic patient record data from practice management software systems used in veterinary practice](#)

J. S. Jones-Diette, M. L. Brennan, M. Cobb, H. Doit & R. S. Dean (2016) *BMC Veterinary Research* 12: 239 – Open access

[Exploring Attitudes and Beliefs towards Implementing Cattle Disease Prevention and Control Measures: A Qualitative Study with Dairy Farmers in Great Britain](#)

M. L. Brennan, N. Wright, W. Wapenaar, S. Jarratt, P. Hobson-West, I. F. Richens, J. Kaler, H. Buchanan, J. N. Huxley & H. M. O'Connor (2016) *Animals* 6(10), 61 – Open access

BestBETs for Vets

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

- [Ketoprofen in cattle with E.coli mastitis](#)
- [Alpha-casozepine for anxiety in cats](#)
- [Robenacoxib for acute musculoskeletal pain control in cats](#)

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 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 544 systematic reviews in the VetSRev database.

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

Marnie Brennan presented two talks at the [ECVIM conference](#) in September entitled “Translating new evidence into best practice” and “The quality of veterinary trials in veterinary medicine and the common at mistakes” on behalf of Kathryn Wareham. She also ran a masterclass with **Zoe Belshaw** for ECVIM residents entitled “Interpreting the scientific literature” which was a great session with lots of good discussion.

Marnie discussed ‘Decision making around the use of vaccination in cattle practice’ alongside Wendela Wapenaar at [BCVA congress](#) whilst **Katie Waine** presented a talk called ‘A practical approach to clinical audit in farm animal practice’.

Marnie also spoke at the [British Veterinary Nursing Association Veterinary Wound Library Masterclass](#) day on the 6th October on practicing evidence based veterinary medicine and how to critically appraise the literature.

As you might have expected, there was a strong turn out from CEVM at the [RCVS Knowledge Veterinary Evidence Today Conference](#) earlier this month, with **Rachel** delivering a session entitled ‘Irrelevant, irrelevant, irrelevant! Time to change our approach to research?’. **Katie** gave a presentation on ‘Clinical audit experiences of veterinary surgeons undertaking farm animal work in the UK’ and **Hannah** presented work entitled ‘The Veterinary Clinical Trials Network- a pragmatic approach to filling the evidence gaps for veterinary practice’.



Beautiful Edinburgh – the location for this years Veterinary Evidence Today conference where many members of the CEVM team spoke

Upcoming presentations

[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.

Marnie Brennan will present 'How to avoid being a dinosaur: Essential skills for keeping up to date in veterinary practice' in N7 Lower on Thursday at 12:45.

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'.

The CEVM will also have a stand at the London Vet Show (stand H67, close to the BVA lecture theatres) – come along and say hello, we would love to meet you!

CPD

[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 2nd January 2017, and beginning 1st September 2017.

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

Dog and cat vaccination consultation survey

Just a reminder that there is still time to take part in this 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 Katie Waine talks about her research](#)

I am coming towards the end of my PhD where I have been looking at the use of clinical audit in farm animal veterinary practice.

My PhD is made up of three main areas; a literature review, work with three UK veterinary practices where we conducted both prospective and retrospective clinical audits and a nationwide survey.

The existing literature was fairly confusing. Clinical audit was adopted from the medical professional in the late 1990s for use in the veterinary profession, but the two settings are very different. Much of the veterinary literature that exists focuses on its use in small and equine practice. We have simplified the definition of clinical audit and suggested different 'types' of audit to make the tool more applicable to veterinary practice.

The work that we have conducted with the three veterinary practices in the UK has raised some important issues in relation to conducting audit in farm animal practice. When retrospective audit was attempted we found that clinical records varied greatly between individual veterinary surgeons and practices, and this can limit the ability to collect the required data. Conducting prospective audits in the practices highlighted the importance of the process being quick, easy and simple to do.

We had nearly 350 responses to the nationwide survey that asked for experiences and attitudes of farm animal veterinary surgeons towards clinical audit. We found that the experiences of clinical audit ranged from individuals who had never heard of it, to those who had conducted more than 10 audits in practice. These results have helped shape the guidance that we hope to produce as a result of my PhD.

I am currently writing up the findings of my PhD and hope to submit my thesis before Christmas.

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>)