EBVM Learning II: Updating an Open-Access Evidence-Based Veterinary Medicine Online Tutorial

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14. University of Pretoria, South Africa
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Overview

• History and context of EBVM

• EBVM Learning

• EBVM Learning revision

• Next step: EBVM for Practitioners
Brief history

2003  Handbook of Evidence Based Veterinary Medicine published
2004  Evidence-Based Veterinary Medicine Association (EBVMA), United States founded
2009  Centre for Evidence-based Veterinary Medicine (CEVM), University of Nottingham
       VetSRev (database) & Best Bets For Vets
2013  RCVS Knowledge engaged the veterinary profession in the UK
2013  CEVM holds workshop for those teaching EBVM at UK veterinary schools
2014  First EBVM Network Conference
2015  EBVM Learning Consortium founded
       January: EBVM Learning funding request       November: public release of EBVMLearning.org
2016  Inaugural issue of Veterinary Evidence (Open Access journal). Includes Knowledge Summaries
2019  EBVM Manifesto (Open Access: Veterinary Record. 2020. 187:174-177. DOI: 10.1136/vr.m3409)
2019  EBVM Learning Phase II funded. 2020 Global pandemic. 2021  February: public release of revision
Five steps of EBVM

1. Ask a specific question
2. Acquire the evidence
3. Appraise the quality
4. Apply to practice
5. Assess the clinical outcomes

Image: “ABCs of EBVM” step of EBVMLearning.org

What does EBVM Learning do?

• Provides open access learning

• Aligns with existing resources

• Builds a community of practice
EBVM Learning I

- Chapter structure: overview and each of the five steps
- Each chapter
  - has learning objectives and an interactive table of contents.
  - begins with a brief overview and ends with a summary.
  - ends with a quiz
## Use Statistics

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User Feedback Study

Feedback gathered

• Website statistics
• Website feedback forms
• Survey
• Semi-structured interviews

Promoting Evidence-based Veterinary Medicine through the online resource ‘EBVM Learning’: User feedback. Veterinary Evidence, 2021 6(1). https://doi.org/10.18849/ve.v6i1.392
User Feedback Study: Results

Results were both qualitative and quantitative data
Feedback form and survey indicated
• Well structured
• Appropriate level and amount of content
• Useful examples and quizzes
• Majority would use it again
• Used in a variety of ways education

Promoting Evidence-based Veterinary Medicine through the online resource ‘EBVM Learning’: User feedback. Veterinary Evidence, 2021, 6(1). https://doi.org/10.18849/ve.v6i1.392
User Feedback: Librarians

• Previous work cited librarians as an underutilized resource.

• Our data suggests “librarians have a vital role in dissemination of the resource [EBVM Learning] and are often involved in teaching, particularly the EBVM steps Ask and Acquire. Recent initiatives, such as greater access to databases, journal articles and training from RCVS Knowledge Library and staff, have the potential to provide invaluable assistance to practitioners wanting to engage more with EBVM.”
  Promoting Evidence-based Veterinary Medicine through the online resource ‘EBVM Learning’: User feedback. Veterinary Evidence, 2021, 6(1). https://doi.org/10.18849/ve.v6i1.392
Revision

EBVM Learning Team

- Increased number of participants, institutions, and countries
- Retained team structure: project management team and author teams
- Remote work in teams, all together for daylong workshop, finish remotely

Revisions and Enhancements

- Increase interactivity
- Condense length where possible
- Add progress tracking, completion certificate
- Add continuing professional development / continuing education credit
University Teaching Example

University of Edinburgh
- Tutorial forms basis of the online course “Evidence based Veterinary Medicine in Clinical Practice”
- Students in degree are also in workforce
- Librarian is tutor for the week, “Searching the literature and refining the question”
- Course assignment is Knowledge Summary suitable for submission to publication
- Librarian grades search strategies in Knowledge Summary

University of Edinburgh and University of Bristol
- Both universities have courses with the product being Knowledge Summaries suitable for submission for publication
- Some Knowledge summaries from each university have been published
- Contributes to growing the evidence base
EBVM Learning, revised edition
Public release February 2021

Course summary
This course introduces the concepts of Evidence-Based Veterinary Medicine (EBVM), and aims to give you a foundation from which you can start to apply EBVM to your own veterinary work.

After a general introduction to the principles of EBVM, each section explores one of the five main principles of the methodology. These sections include detailed examples, opportunities for you to reflect on what you’ve learned, and quizzes for you to check your understanding. Each section will take approximately an hour to complete in full.

Summary of sections

- ABCs of EBVM
- Ask

Course features
- Cost: Free
- CPD hours: 1 per module
- Modules: 6
- Who is this course for?
  - Veterinary surgeons
  - Veterinary nurses

Next Step

User survey identified that one resource could not meet all needs.

Decision to pursue additional funding to create a separate resource for veterinary clinicians in practice.

Funding was secured for EBVM Learning Phase III
EBVM Learning III

EBVM Learning II workshop generated ideas for the practitioner resource
  • Very short and focused
  • Summarise academic knowledge underpinning the 5 step EBVM process
  • Link to existing resources, including EBVM Learning, for deeper detail
  • Provide practical guides for use in practice
    Examples: clinical audits, guidelines, and journal clubs

EBVM Learning III
  • Small editorial team
  • Regular feedback from veterinary practitioners and librarians about each section ensures content is relevant and applicable
Thank you for your interest
Happy to answer questions via email and at the live Q&A

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