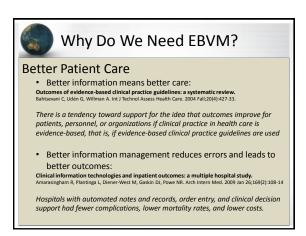




Why Do We Need EBVM?

Information Management

- **Explosive Growth in Published Information**
 - · What do we need to know?
 - · How do we find it?
 - · How can it be made more useful?
 - · Already Summarized
 - · Already Critically Appraised
 - · Systematic Reviews, Clinical Practice Guidelines
- "Just in Case" vs "Just in Time"





Challenges

Veterinarians Not Seeing the Need

As a veterinarian now practicing homeopathy and chiropractic almost exclusively, I have all the proof I need every day in my practice to justify these modalities.

Gail Jewell, DVM (letter) Can Vet J, May, 2010

The EBM approach was never mentioned in any of the interviews, with occasional isolated opinions such as "The information from research is not important and does not influence decision."

Understanding veterinary practitioners' decision-making process: implications for veterinary medical education.

Vandeweerd JM, Vandeweerd S, Gustin C, Keesemaecker G, Cambier C, Clegg P, Saegerman C, Reda A, Perrenoud P, Gustin P, Vet Med Educ. 2012 Summer;39(2):142-51.



Challenges



Myths & Misconceptions

- EBVM is impossible due to lack of research and resources EBVM means doing nothing without high-level evidence
- Our clients don't want to hear "I don't know"
- Studies give an average but don't tell us anything useful about individual patients
- Evidence is nice, but it is usually clear if a treatment is working so we don't really need studies
- EBVM is just ivory tower academics telling regular clinicians what to do. In the real world these idealistic recommendations aren't practical/affordable/etc.



Challenges

Limited Evidence

- Research evidence for oral glucosamine in treatment of osteoarthritis
 - Humans- 2009 Cochrane Review included 25 studies with 4,963 patients, some studies lasted up to 2 years
 - Dogs- 2010 search yielded 2 RCTs lasting 2 months with a total of 113 dogs



Challenges

Limited Access to Evidence

The information infrastructure supporting evidence-based veterinary medicine...is significantly underdeveloped in relation to the corresponding information infrastructure in human medicine. This lack of development creates barriers to the timely translation of veterinary medicine research into clinical practice and also to the conduct of both primary clinical intervention research and synthesis

The information infrastructure that supports evidence-based veterinary medicine: a comparison with human medicine. Toews L. J Vet Med Educ. 2011;38(2):123-34.



