Belgravia House
62 - 64 Horseferry Road
London SW1P 2AF

T: +44 (0) 20 7202 0721
F: +44 (0) 20 7202 0751
E: info@rcvsknowledge.org
twitter.com/rcvsknowledge

Weblinks and references from the presentations at VET2016 conference

The following weblinks and references from the presentations are in the order as in the conference programme from 3 days.

Day 1

Steve Budsberg & David Church - Can practice-based evidence complement and promote EBVM?

Nutting, P.A. and Stange, K.C. (2001) Practice-based research: The opportunity to create a learning discipline. In: Rakel, R. E. (ed) *Textbook of family practice*. Sixth ed. London: Saunders

Gordon-Evans, W.J. et al. (2013) Comparison of lateral fabellar suture and tibial plateau leveling osteotomy techniques for treatment of dogs with cruciate ligament disease. *Journal of the American Veterinary Medical Association*, 243(5), pp. 675-680. DOI: 10.2460/javma.243.5.675

Green, L.W. (2001) From research to “best practices” in other settings and populations*. American Journal of Health Behavior*, 25(3), pp. 165-178. DOI: https://doi.org/10.5993/AJHB.25.3.2

Sebastian Arlt - Staircase of Evidence

EBVM Learning http://www.ebvmlearning.org [Accessed 21/12/2016]

Oxford Centre for Evidence-based Medicine – Levels of evidence (March 2009) [online]. Available from: http://www.cebm.net/oxford-centre-evidence-based-medicine-levels-evidence-march-2009/ [Accessed 24 November 2016]

Cardwell, J. M. (2008) An overview of study design. *Journal of Small Animal Practice,* 49(5), pp. 217-218. DOI: 10.1111/j.1748-5827.2008.00594.x

Daly, J. et al. (2007) A hierarchy of evidence for assessing qualitative health research. *Journal of Clinical Epidemiology,* 60(1), pp. 43-49. DOI: http://dx.doi.org/10.1016/j.jclinepi.2006.03.014

Holmes, M. A. (2007) Evaluation of the evidence. *Veterinary Clinics of North America: Small Animal Practice,*37(3), pp. 447-462. DOI: http://dx.doi.org/10.1016/j.cvsm.2007.01.004

Kochevar, D.and Fajt, V. (2006) Evidence-based decision making in small animal therapeutics. *Veterinary Clinics of North America: Small Animal Practice*, 36(5), pp. 943-959. DOI: http://dx.doi.org/10.1016/j.cvsm.2006.06.001

Sargeant, J. M.; Kelton, D. F. and O'Connor, A. M. (2014) Study designs and systematic reviews of interventions: building evidence across study designs. *Zoonoses and Public Health,* 61(S1), pp.10-17. DOI: http://dx.doi.org/10.1111/zph.12127

Achterberg, C., McDonnell, E. and Bagby, R. (1994) How to put the Food Guide Pyramid into practice. *Journal of the American Diet Association*, 94(9), pp. 1030-1035. DOI: http://dx.doi.org/10.1016/0002-8223(94)92198-9

Davis, C.A., Britten, P. and Myers, E.F. (2001) Past, present, and future of the food guide pyramid. *Journal of the American Diet Association*, 101(8), pp. 881-885. DOI: http://dx.doi.org/10.1016/S0002-8223(01)00217-6

Diet, nutrition and the prevention of chronic diseases (2003) *Report of the joint WHO/FAO expert consultation. WHO Technical Report Series, No. 916 (TRS 916)*. Geneva: World Health Organization

Arlt, S.and Heuwieser, W. (2016) The staircase of evidence – a new metaphor displaying the core principles of Evidence-based Veterinary Medicine [online]. *Veterinary Evidence*, 1(1). DOI: http://dx.doi.org/10.18849/ve.v1i1.18 [Accessed 24 November 2016]

Sandra Bertulat -Bacteriological examination of milk samples - the gold standard in mastitis diagnostic under evaluation

Bascom, S.S. and Young, A.J. (1998) A summary of the reasons why farmers cull cows. *Journal of Dairy Science*, 81(8), pp. 2299-2305. DOI: http://dx.doi.org/10.3168/jds.S0022-0302(98)75810-2

Grohn, Y.T. et al. (1998) Effect of diseases on the culling of Holstein dairy cows in New York State. *Journal of Dairy Science*, 81(4), pp. 966-978. DOI: http://dx.doi.org/10.3168/jds.S0022-0302(98)75657-7

Pitkala, A. et al. (2005) Interlaboratory proficiency testing as a tool for improving performance in laboratories diagnosing bovine mastitis. *Journal of Dairy Science*, 88(2), pp. 553-559. DOI: http://dx.doi.org/10.3168/jds.S0022-0302(05)72717-X

Constance White - Clinical decision-making and treatment patterns in canine prolapsed nictitans and feline herpetic keratitis

McClellan, M.B. et al. (2008) *Evidence-based medicine and the changing nature of health care: Meeting summary (IOM Roundtable on Evidence-Based Medicine)* [online] Washington: The National Academies Press. Available from: https://www.nap.edu/catalog/12041/evidence-based-medicine-and-the-changing-nature-of-health-care [Accessed 24 November 2016]

New CPD Opportunity: Using an evidence-based approach in you practice http://www.nottingham.ac.uk/cevm/training-opportunities/training-opportunities.aspx [Accessed 19 December 2016]

Centre for Evidence-based Veterinary Medicine www.nottingham.ac.uk/cevm [Accessed 21/12/2016]

BestBETs for Vets www.bestbetsforvets.org [Accessed 21/12/2016]

VetSRev - freely accessible online database of citations for systematic reviews http://www.nottingham.ac.uk/cevm/evidence-synthesis/systematic-review/vetsrev.aspx [Accessed 21/12/2016]

Alina Pohl - Efficacy of nonsteroidal antiinflammatory drugs for the treatment of acute puerperal metritis in dairy cow

Sheldon, M. et al. (2006) Defining postpartum uterine disease in cattle. *Theriogenology*, 65(8), pp. 1516-1530. DOI: http://dx.doi.org/10.1016/j.theriogenology.2005.08.021

McLaughlin, C.L. et al. (2012) Evaluation of two doses of ceftiofur crystalline free acid sterile suspension for treatment of metritis in lactating dairy cows. *Journal of Dairy Science*, 95(8), pp. 4363-4371

Stojkov, J. et al. (2015) Assessment of visceral pain associated with metritis in dairy cows. *Journal of Dairy Science*, 98(8), pp. 5352-5361. DOI: http://dx.doi.org/10.3168/jds.2014-9296

Pohl, A. et al. (2016) Randomized, controlled clinical trial on the efficacy of nonsteroidal antiinflammatory drugs for the treatment of acute puerperal metritis in dairy cows. *Journal of Dairy Science*, 99(10), pp. 8241-8249. DOI: http://dx.doi.org/10.3168/jds.2015-10775

Silva Machado, V. et al. (2014) Subcutaneous immunization with inactivated bacterial components and purified protein of Escherichia coli, Fusobacterium necrophorum and Trueperella pyogenes prevents puerperal metritis in Holstein dairy cows. *PLOS ONE*, 9(3): e91734. DOI:10.1371/journal.pone.0091734 [Accessed 24 November 2016]

Pinedo, P.J. et al. (2015) Effect of intrauterine infusion of an organic-certified product on uterine health, survival, and fertility of dairy cows with toxic puerperal metritis. *Journal of Dairy Science*, 98(5), pp. 3120-3132. DOI: http://dx.doi.org/10.3168/jds.2014-8944

Deng, Q. et al. (2015) Intravaginal lactic acid bacteria modulated local and systemic immune responses and lowered the incidence of uterine infections in periparturient dairy cows. *PLOS ONE* 10(4): e0124167. DOI:10.1371/journal.pone.0124167 [Accessed 24 November 2016]

Merel Ritskes-Hoitinga - Systematic reviews of laboratory animal studies

Ritskes-Hoitinga, M. and Beynen, A.C. (1988) Atherosclerosis in the rat. *Artery*, 16(1), pp. 25-50

Russell, W.M.S. and Burch, R.L. (1959) The principles of humane experimental technique. London: Methuen & Co.

Norecopa 3R-guide [online] Available from: https://norecopa.no/3r-guide [Accessed 24 November 2016]

SYstematic Review Centre for Laboratory animal Experimentation www.syrcle.nl [Accessed 24 November 2016]

SYRCLE e-Learning Systematic Reviews https://vimeo.com/142124487 [Accessed 24 November 2016]

Leenaars, M. et al. (2012) A step-by-step guide to systematically identify all relevant animal studies. *Laboratory Animals*, 46(1), pp. 24-31. DOI: 10.1258/la.2011.011087

Hooijmans, C.R. et al. (2010) Enhancing search efficiency by means of a search filter for finding all studies on animal experimentation in PubMed. *Laboratory Animals*, 44(3), pp. 170-175. DOI: 10.1258/la.2010.009117

De Vries, R.D.M. et al. (2011) A search filter for increasing the retrieval of animal studies in Embase. *Laboratory Animals*, 45(4), pp. 268-270. DOI: 10.1258/la.2011.011056

De Vries, R.B. et al. (2014) Updated version of the Embase search filter for animal studies. *Laboratory Animals*, 48(1):88. DOI: 10.1177/0023677213494374

Hooijmans, C.R., Leenaars, M. and Ritskes-Hoitinga, M. (2010) A gold standard publication checklist to improve the quality of animal studies, to fully integrate the The Rs, and to make systematic reviews more feasible. *Alternatives to Laboratory Animals: ATLA*, 38(2), pp. 167-182

Hooijmans, C.R. et al. (2014) SYRCLE's risk of bias tool for animal studies [online] *BMC Medical Research Methodology*, 14:43. Available from: https://bmcmedresmethodol.biomedcentral.com/articles/10.1186/1471-2288-14-43 DOI: 10.1186/1471-2288-14-43 [Accessed 25 November 2016]

de Vries, R.B.M. et al (2015) A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies. *Evidence-based Preclinical Medicine*, 2(1), pp. 1-9. DOI: 10.1002/ebm2.7

Hooijmans, C.R. et al. (2014) Meta-analyses of animal studies : an introduction of a valuable instrument to further improve healthcare. *International Laboratory Animals Research Journal*, 55(3), pp. 418-426. DOI: 10.1093/ilar/ilu042

van Drongelen, J. et al. (2012) Adaptive changes of mesenteric arteries in pregnancy: a meta-analysis. *American Journal of Physiology. Heart and Circulatory Physiology*, 303(6):H639-57. DOI: 10.1152/ajpheart.00617.2011

de Vries, R.B. et al. (2012) Reducing the number of laboratory animals used in tissue engineering research by restricting the variety of animal models. Articular cartilage tissue engineering as a case study. *Tissue Engineering. Part B Reviews*, 18(6), pp. 427-435. DOI: 10.1089/ten.TEB.2012.0059

Hooijmans, C.R. et al. (2015) A A systematic review and meta-analysis of the ability of analgesic drugs to reduce metastasis in experimental cancer models. *Pain*, 156(10), pp. 1835-1844. DOI: 10.1097/j.pain.0000000000000296.

Yauw, S.T. et al. (2015) Systematic review of experimental studies on intestinal anastomosis. *The British Journal of Surgery*, 102(7), pp. 726-734. DOI: 10.1002/bjs.9776.

Currie, G.L. et al. (2013) Animal models of bone cancer pain: systematic review and meta-analyses. *Pain*, 154(6), pp. 917-926. DOI: 10.1016/j.pain.2013.02.033

Public accountability lecture https://www.radboudumc.nl/Research/Organisationofresearch/Departments/cdl/SYRCLE/Documents/Ritskes_Public_lecture_final.pdf [Accessed 25 November 2016]

Brief van staatssecretaris EZ: verzoek afbouwschema dierproeven https://www.ncadierproevenbeleid.nl/documenten/brief/16/5/17/brief-verzoek-afbouwschema-dierproeven [Accessed 25 November 2016]

REWARD campaign http://www.thelancet.com/campaigns/efficiency [Accessed 25 November 2016]

Claire Wylie - Collaboration as a key feature of equine evidence-based research: a laminitis case study

Wylie, Claire E. et al. (2011) Frequency of equine laminitis: a systematic review with quality appraisal of published evidence. *The Veterinary Journal,* 189(3), pp. 248-256. DOI: http://dx.doi.org/10.1016/j.tvjl.2011.04.014

Wylie, Claire E. et al. (2012) Risk factors for equine laminitis: a systematic review with quality appraisal of published evidence. *The Veterinary Journal,* 193(1), pp. 58-66. DOI: http://dx.doi.org/10.1016/j.tvjl.2011.10.020

Wylie, Claire E. et al. (2013) Risk factors for equine laminitis: a case-control study conducted in veterinary-registered horses and ponies in Great Britain between 2009 and 2011. *The Veterinary Journal,* 198(1), pp. 57-69. DOI: http://dx.doi.org/10.1016/j.tvjl.2013.08.028

Wylie, C. E. et al. (2013) Cohort study of equine laminitis in Great Britain 2009–2011: estimation of disease frequency and description of clinical signs in 577 cases. *Equine Veterinary Journal*, 45(6), pp. 681-687. DOI: http://dx.doi.org/10.1111/evj.12047

Wylie, C. E. et al. (2013) Demographics and management practices of horses and ponies in Great Britain: a cross-sectional study. *Research in Veterinary Science*, 95(2), pp. 410-417. DOI: http://dx.doi.org/10.1016/j.rvsc.2013.05.004

Wylie, C. E. et al. (2016) Decision-tree analysis of clinical data to aid diagnostic reasoning for equine laminitis: a cross-sectional study. *Veterinary Record*, 178(11), pp.1-8. DOI: http://dx.doi.org/10.1136/vr.103588

Ireland, J.L. et al. (2013) Preventive health care and owner-reported disease prevalence of horses and ponies in Great Britain. *Research in Veterinary Science,* 95(2), pp. 418-424. DOI: http://dx.doi.org/10.1016/j.rvsc.2013.05.007

Andrea Jeffrey and Sue Badger - Don't be afraid to ask the question: a simple guide for veterinary nurses to conducting evidence-based research in clinical practice

EBVM Learning http://www.ebvmlearning.org/ [Accessed 20 December 2016]

Centre for Evidence-based Veterinary Medicine http://www.nottingham.ac.uk/CEVM/Index.aspx [Accessed 25 November 2016]

Canadian Centre for Evidence-Based Nursing (CCEBN) http://ccebn.mcmaster.ca/ [Accessed 20 December 2016]

Courtney, M. and McCutcheon, H. (eds) (2010) *Using evidence to guide nursing practice*. Second ed. London: Elsevier Saunders

Clare Boulton - Finding the evidence

BestBETS for Vets https://bestbetsforvets.org/ [Accessed 20 December 2016]

VetSRev - freely accessible online database of citations for systematic reviews http://www.nottingham.ac.uk/cevm/evidence-synthesis/systematic-review/vetsrev.aspx [Accessed 21/12/2016]

Veterinary Evidence https://www.veterinaryevidence.org/index.php/ve [Accessed 20 December 2016]

Grindlay, D., Brennan, M.L. and Dean, R.S. (2012) Searching the veterinary literature: a comparison of the coverage of veterinary journals by nine bibliographic databases. *Journal of Veterinary Medical Education*, 39(4), pp. 404-412. DOI: http://dx.doi.org/10.3138/jvme.1111.109R

RCVS Knowledge EBVM Toolkit www.rcvsknowledge.org/toolkit [Accessed 20 December 2016]

EBVM Learning http://www.ebvmlearning.org/ [Accessed 20 December 2016]

Day 2

Mike Clarke - Evidence Aid

March 2011: Japan hit by tsunami after massive earthquake http://www.bbc.co.uk/news/world-asia-pacific-12709850 [accessed 2 December 2016]

In pictures: Japan earthquake and tsunami http://www.bbc.co.uk/news/world-asia-pacific-12709791 [accessed 2 December 2016]

Katie Waine - Clinical audit experiences of veterinary surgeons undertaking farm animal work in the UK

Grol, R. and Wensing, M. (1995) Implementation of quality assurance and medical audit: general practitioners' perceived obstacles and requirements. *British Journal General Practice*, 45(399), pp. 548-552.

Johnston, G. (et al) (2000) Reviewing audit: barriers and facilitating factors for effective clinical audit. *Quality in Health Care*, 9(1), pp. 23-26. https://doi.org/10.1136/qhc.9.1.23

Viner, B. (2003) *Attitudes to clinical auditing in veterinary general practice*. MSc, Middlesex University.

Vinver, B. (2006) *Introducing clinical audit into veterinary practice*. Doctorate in Professional Studies Project report, Middlesex University.

Experiences and attitudes towards clinical audit of veterinary surgeons undertaking farm animal work in the UK. Centre for Evidence-based Veterinary Medicine, University of Nottingham http://www.nottingham.ac.uk/cevm/practice-based-research/farm-animal/clinical-audit.aspx [Accessed 20 December 2016]

New CPD Opportunity: Using an evidence-based approach in you practice http://www.nottingham.ac.uk/cevm/training-opportunities/training-opportunities.aspx [Accessed 19 December 2016]

BestBETS for Vets https://bestbetsforvets.org/ [Accessed 19 December 2016]

VetSRev - freely accessible online database of citations for systematic reviews http://www.nottingham.ac.uk/cevm/evidence-synthesis/systematic-review/vetsrev.aspx [Accessed 21/12/2016]

Centre for Evidence-based Veterinary Medicine http://www.nottingham.ac.uk/CEVM/ [Accessed 19 December 2016]

Sebastian Arlt - What is the quality of CATs developed by students?

Arlt, S. and Heuwieser, W. (2011) Training students to appraise the quality of scientific literature. *Journal of Veterinary Medical Education*, 38(2), pp. 135-140. DOI: 10.3138/jvme.38.2.135

Arlt, S., Haimerl, P. and Heuwieser, W. (2012) Training evidence-based veterinary medicine by collaborative development of critically appraised topics. *Journal of Veterinary Medical Education*, 39(2), pp. 111-118. DOI: 10.3138/jvme.1111.112R

BestBETS for Vets https://bestbetsforvets.org/ [Accessed 20 December 2016]

David Mills - Putting the horse before the cart: the ethical case for animal patient values in EBVM

Centre for Evidence-based Veterinary Medicine http://www.nottingham.ac.uk/CEVM/ [Accessed 20 December 2016]

Uechi, M. et al. (2012) Mitral valve repair under cardiopulmonary bypass in small-breed dogs: 48 cases (2006-2009). *Journal of the American Veterinary Medical Association*, 240(10), pp. 1194-1201. DOI: 10.2460/javma.240.10.1194

Haggstrom, J. et al. (2008) Effect of pimobendan or benazepril hydrochloride on survival times in dogs with congestive heart failure caused by naturally occurring myxomatous mitral valve disease: the Quest Study. *Journal of Veterinary Internal Medicine*, 22(5), pp. 1124-1135. DOI: 10.1111/j.1939-1676.2008.0150.x

Yeates, J. and Corr, S. (2014) Use of a quantitative methodology to evaluate treatment options: methods and proof of principle example. *AWSELVA Journal*, 18(1), pp. 9-14

Mary Fraser – Current thoughts on the treatment of Malassezia in canine otitis

Bensignor, E. and Grandemange, E. (2006) Comparison of an antifungal agent with a mixture of antifungal, antibiotic and corticosteroid agents for the treatment of Malassezia species otitis in dogs. *Veterinary Record*, 158(6), pp. 193-195

Chiavassa, E., Tizzani, P. and Peano, A. (2014) *In vitro* antifungal susceptibility of *Malassezia pachydermatis* strains isolated from dogs with chronic and acute otitis externa. *Mycopathologia*, 178(3-4), pp. 315-319. DOI: 10.1007/s11046-014-9782-0

Hensel, P. et al. (2009) In vitro and in vivo evaluation of a potentiated miconazole aural solution in chronic Malassezia otitis externa in dogs. *Veterinary Dermatology, 20(5-6), pp. 429-434*

Mason, C.L. et al. (2013) Study to assess in vitro antimicrobial activity of nine ear cleaners against Malassezia pachydermatis isolates. *Veterinary Dermatology*, 24(3), pp. 362-366. DOI: 10.1111/vde.12024

Mueller, R.S. et al. (2012) A review of topical therapy for skin infections with bacterial and yeast. *Veterinary Dermatology*, 23(4), pp. 330-341. DOI: 10.1111/j.1365-3164.2012.01057.x.

Rougier, S. et al. (2005) A comparative study of two antimicrobial/anti-inflammatory formulations in the treatment of canine otitis externa. *Veterinary Dermatology*, 16(5), pp. 299-307.

Swinney, A. et al. (2008) Comparative in vitro antimicrobial efficacy of commercial ear cleaners. *Veterinary Dermatology*, 19(6), pp. 373-379. DOI: 10.1111/j.1365-3164.2008.00713.x

Emma O'Neill - The use of an evidence based practice approach to promote active student engagement and life - long learning in an online Graduate Certificate

University College Dublin www.ucd.ie/ [Accessed 19 December 2016]

Sackett, D.L. et al. (1996) Evidence based medicine: what it is and what it isn't. BMJ 1996;312:71. DOI: http://dx.doi.org/10.1136/bmj.312.7023.71

Dawes, M. et al. Sicily statement on evidence-based practice. *BMC Medical Education*, 5(1). DOI: 10.1186/1472-6920-5-1

Elizabeth Jackson & Sarah Hauser - Building a business case for EBVM

Cardwell, C. (2001) The business case for evidence-based medicine. *Journal of Medical Marketing: Device, Diagnostic and Pharmaceutical Marketing*, 2(1), pp. 54-75

McCracken, B. (2013) Building a business case for evidence-based medicine. Clinical Key. Available from *cfile4.uf.tistory.com/attach/267CC93C5181CDC515EB5A [last accessed 19/12/2016]*

Hauser, S. and Jackson, E.L. (2016) Non-clinical benefits of evidence-based veterinary medicine [online]. *Veterinary Evidence*, 1(3). DOI: http://dx.doi.org/10.18849/ve.v1i3.34

Mariska Leeflang - Evidence synthesis of diagnostics: GRADE and how it can be used for veterinary evidence

Leeflang, M. et al. (2008) Galactomann detection for invasive aspergillosis in immunocompromized patients. *Cochrane database systematic reviews*, 8(4): CD007394. DOI: 10.1002/14651858.CD007394

Odaga, J. et al. (2014) Rapid diagnostic tests versus clinical diagnosis for managing people with fever in malaria endemic settings. *Cochrane Database of Systematic Reviews*, 4: CD008998. DOI: 10.1002/14651858.CD008998.pub2

Gotzsche, P.C. and Nielsen, M. (2011) Screening for breast cancer with mammography. *Cochrane Database of Systematic Reviews*, 1: CD001877. DOI: 10.1002/14651858.CD001877.pub4

Ynte Hein Schukken - Failures and successes in doing randomized controlled trials on dairy farms: lessons from the field

Kremer, W.D. et al. (1989) A randomized field study of therapy of non-perforating injury of the udder. *Tijdschrift voor Diergeneeskunde*, 114(10), pp. 566-569

Schukken, Y.H. et al. (1993) A randomized blind trial on dry cow antibiotic infusion in a low somatic cell count herd. *Journal of Dairy Science*, 76(10), pp. 2925-2930

Lam, T.J. et al. (1997) The effect of discontinuation of postmilking teat disinfection in low somatic cell count herds. 1. Incidence of clinical mastitis. *Veterinary Quarterly*, 19(2), pp. 41-47. DOI: 10.1080/01652176.1997.9694738

Elbers, A.R. and Schukken, Y.H. (1995) Clinical features of veterinary field trials. *Veterinary Record*, 136(8), pp. 187-192

McDermott, J.J., Schukken, Y.H. and Shoukri, M.M. (1994) Study design and analytic methods for data collected from clusters of animals. *Preventive Veterinary Medicine*, 18(3), pp. 175-191

Schukken, Y.H. and Deluyker, H.A. (1995) Design of field trials for the evaluation of antibacterial products for therapy of bovine clinical mastitis. Journal *of Veterinary Pharmacology and Therapeutics*, 18(4), pp. 274-283

Borm, A.A. et al. Effects of prepartum intramammary antibiotic therapy on udder health, milk production, and reproductive performance in dairy heifers. *Journal of Dairy Science*, 89(6), pp. 2090-2098.

Schukken, Y.H. et al. (2014) Efficacy of vaccination on Staphylococcus aureus and coagulase- negative staphylococci intramammary infection dynamics in 2 dairy herds. *Journal of Dairy Science*, 97(8), pp. 5250-5264. DOI: 10.3168/jds.2014-8008

Kamminga, M. et al. (1994) The clinical recovery of fattening pigs from respiratory disease after treatment with two injectable oxytetracycline formulations. *Veterinary Quarterly*, 16(4), pp. 196-199.

Schukken, Y.H., Rauch, B.J. and Morelli, J. (2013) Defining standardized protocols for determining the efficacy of a postmilking teat disinfectant following experimental exposure of teats to mastitis pathogens. *Journal of Dairy Science*, 96(4), pp. 2694-2704. DOI: 10.3168/jds.2012-6222

Dan O'Neill - Effective dissemination: building an 'Evidence to impact' strategy

O'Neill, D. G. et al. (2014) Prevalence of disorders recorded in dogs attending primary-care veterinary practices in England. *PLoS One,* 9(3):e90501. DOI: 10.1371/journal.pone.0090501 [Accessed 21/12/2016]

VetCompass Learn Zone http://www.rvc.ac.uk/vetcompass/learn-zone#tab-posters [Accessed 20/12/2016]

VetCompass www.rvc.ac.uk/VetCompass [Accessed 20/12/2016]

Mark Turner - Mistakes, errors and foul-ups: practice-based evidence for evidence based practice

Brennan, T.A. et al. (1991) Incidence of adverse events and negligence in hospitalized patients. Results of the Harvard Medical Practice Study I. *The New England Journal of Medicine*, 324(Appendix I), pp. 370–376. DOI: 10.1056/NEJM199102073240604

Gawande, A. A. et al. (1999) The incidence and nature of surgical adverse events in Colorado and Utah in 1992. *Surgery*, 126(1), pp. 66–75

Vincent, C., Neale, G. and Woloshynowych, M. (2001) Adverse events in British hospitals: preliminary retrospective record review. *BMJ*, 322(7285), pp. 517 – 519. DOI: http://doi.org/10.1136/BMJ.322.7285.517

Mellanby, R. J. and Herrtage, M. E. (2004) Survey of mistakes made by recent veterinary graduates. *Veterinary Record*, 155(24), pp. 761–765. DOI: http://doi.org/10.1136/VR.155.24.761

Hartnack, S. et al. (2013) Critical incidence reporting systems - an option in equine anaesthesia? Results from a panel meeting. *Veterinary Anaesthesia and Analgesia*, 40(6), pp. e3–8. DOI: http://doi.org/10.1111/vaa.12065

Brodbelt, D. C. et al. (2008) The risk of death: the confidential enquiry into perioperative small animal fatalities. *Veterinary Anaesthesia and Analgesia*, 35(5), pp. 365–373. DOI: 10.1111/j.1467-2995.2008.00397.x.

Oxtoby, C. et al. (2015) We need to talk about error: causes and types of error in veterinary practice. *Veterinary Record*, 177(17), pp. 438-446. DOI: http://doi.org/10.1136/vr.103331

Reason, J. (2000). Human error: models and management. *BMJ*, 320:768. DOI: http://doi.org/10.1136/bmj.320.7237.768

Helmreich, R. L. (2000) *On error management: lessons from aviation*. *BMJ*, 320:781. DOI: *http://dx.doi.org/10.1136/bmj.320.7237.781*

Lawton, R. et al. (2012) Development of an evidence-based framework of factors contributing to patient safety incidents in hospital settings: a systematic review. *BMJ Quality & Safety*, 21(5), pp. 369–380. DOI: 10.1136/bmjqs-2011-000443

World Health Organization Surgical Safety Checklist http://www.who.int/patientsafety/safesurgery/ss_checklist/en/ [Accessed 20/12/2016]

Haynes, A. B. et al. (2009) A surgical safety checklist to reduce morbidity and mortality in a global population. *New England Journal of Medicine*, 360(5), pp. 491–499. DOI: 10.1056/NEJMsa0810119.

Association of Veterinary Anaesthetists www.ava.eu.com/resources/checklists/ [Accessed 20/12/2016]

Gasson, J. (2011) Reducing surgical complications using a safety checklist. *Veterinary Record*, 169(19), pp. 503. DOI: 10.1136/vr.d7107

Tivers, M. (2015) Reducing error and improving patient safety. *Veterinary Record*, 177(17), pp. 436–437. DOI: 10.1136/vr.h5653

Armitage-Chan, E. A. (2014) Human factors, non-technical skills, professionalism and flight safety: their roles in improving patient outcome. *Veterinary Anaesthesia and Analgesia*, 41(3), pp. 221-223. DOI: 10.1111/vaa.12126

Brodbelt, D. C. et al. (2008) The risk of death: the confidential enquiry into perioperative small animal fatalities. *Veterinary Anaesthesia and Analgesia*, 35(5), pp. 365–373. DOI: 10.1111/j.1467-2995.2008.00397.x

McMillan, M. (2014) New frontiers for veterinary anaesthesia: the development of veterinary patient safety culture. *Veterinary Anaesthesia and Analgesia*, 41(3), pp. 224–226. DOI: 10.1111/vaa.12123

Hofmeister, E. H. et al. (2014) Development, implementation and impact of simple patient safety interventions in a university teaching hospital. *Veterinary Anaesthesia and Analgesia*, 41(3), pp. 243–8. DOI: 10.1111/vaa.12124

Gordon S., Mendenhall P. and O'Connor B. B. (2012) *Beyond the checklist: what else health care can learn from aviation teamwork and safety*. London: IRL Press.

RVC patient safety survey https://www.surveymonkey.co.uk/r/VetPatientSafety [Accessed 20/12/2016]

Forster, K. et al. (2011) Retained surgical swabs in 13 dogs. *Veterinary Record*, 169(13), pp. 337-345. DOI: 10.1136/vr.d4396

World Health Organization www.euro.who.int [Accessed 20/12/2016]

Agency for Healthcare Research and Quality www.ahrq.gov [Accessed 20/12/2016]

Haynes, A. B. et al. (2011) Changes in safety attitude and relationship to decreased postoperative morbidity and mortality following implementation of a checklist-based surgical safety intervention. *BMJ Quality & Safety*, 20(1), pp. 102–7. DOI: http://doi.org/10.1136/bmjqs.2009.040022

Mirjam Nielen - Introduction to statistics

Camerlink, I. et al. (2010) *Homeopathy*, 99(1), pp. 57-62. DOI: 10.1016/j.homp.2009.10.003

Bradley Viner - Embedding EBVM into practice

Cockcroft, P. and Holmes, M. (2003) *Handbook of evidence-based veterinary medicine*. Oxford: Blackwell

Viner, B. (2010) *Success in veterinary practice: maximising clinical outcomes and personal well-being.* Oxford: Wiley-Blackwell

www.vetaudit.co.uk [Accessed 19 December 2016]

Day 3

Gill Leng - Using evidence: pitfalls, practicalities and positive benefits

Appraisal of Guidelines Research & Evaluation www.agreecollaboration.org [Accessed 19 December 2016]

Lomas, J. et al. (2005) *Conceptualizing and combining evidence for health system guidance: final report*. Ottawa: Canadian Health Services Research Foundation.

Rachel Dean - Irrelevant, irrelevant, irrelevant! Time to change our approach to research?

BestBETS for Vets https://bestbetsforvets.org/ [Accessed 19 December 2016]

The Reward Alliance www.researchwaste.net [Accessed 19 December 2016]

REWARDS campaign http://www.thelancet.com/campaigns/efficiency [Accessed 19 December 2016]

Chalmers, I. et al. (2012) Is academia meeting the needs of non-academic users of the results of research? *The Lancet*, 380, S43. DOI: http://dx.doi.org/10.1016/S0140-6736(13)60219-6

Grindlay, D.J.C. et al. (2014) A survey of the awareness, knowledge, policies and views of veterinary journal Editors-in Chief on reporting guidelines for publication of research. *BMC Veterinary Research*, 10:10. DOI: 10.1186/1746-6148-10-10

Vet AllTrials www.vetalltrials.org [Accessed 19 December 2016]

Open Access Week www.action.openaccessweek.org [Accessed 19 December 2016]

Williams, H.C. (2010) Evidence-based veterinary dermatology - better to light a candle than curse the darkness. *Veterinary Dermatology*, 21(1), pp. 1-3. DOI: 10.1111/j.1365-3164.2009.00873.x

Lothar Kreienbrock - Evidenced based approach for a definition of defined daily dosages of antibiotics used in German pig production

Merle, R. et al. (2014) Feasibility study of veterinary antibiotic consumption in Germany – comparison of ADDs and UDDs by animal production type, antimicrobial class and indication. *BMC Veterinary Research*, 10:7. DOI: 10.1186/1746-6148-10-7

EMA. Principles on assignment of defined daily dose for animals (DDDvet) and defined course dose for animals (DCDvet). EMA document No. EMA/710019/2014. June 23 2015 http://www.ema.europa.eu/docs/en_GB/document_library/Scientific_guideline/2015/06/WC500188890.pdf [Accessed 19 December 2016]

EMA. Defined daily doses for animals (DDDvet) and defined course doses for animals (DCDvet). EMA document No. EMA/224954/2016. April 28 2016. http://www.ema.europa.eu/docs/en_GB/document_library/Other/2016/04/WC500205410.pdf [Accessed 19 December 2016]

van Rennings L. et al. (2013) Variables describing the use of antibiotics in food-producing animals. *Berliner und Munchener Tierarztliche Wochenschrift*, 126(7-8), pp. 297-309.

van Rennings L. et al. (2015) Cross-sectional study on antibiotic usage in pigs in Germany. PLoS One, 10(3): e0119114. DOI: 10.1371/journal.pone.0119114

Emma Place - Literature searching for evidence-based veterinary medicine: coping with zero hits

Boeker, M. *et al* (2013) Google Scholar as replacement for systematic literature searches: good relative recall and precision are not enough. *BMC Medical Research Methodology*, 13:131. DOI: 10.1186/1471-2288-13-131

Doig, G.S. and Simpson, F. (2003) Efficient literature searching: a core skill for the practice of evidence-based medicine. *Intensive Care Medicine*, 29(12), pp. 2119–2127.

Evans, R (ed), (2015) *Veterinary Evidence Handbook for Publishing Knowledge Summaries*. London: RCVS Knowledge. https://www.veterinaryevidence.org/rcvskmod/ourdocuments/The_Veterinary_Evidence_Handbook_For_Writing_Knowledge_Summaries.pdf [Accessed 19 December 2016]

Grindlay, D.J.C., Brennan, M.L. and Dean, R.S. (2012) Searching the veterinary literature: a comparison of the coverage of veterinary journals by nine bibliographic databases. *Journal of Veterinary Medical Education,* 39(4), pp. 404-412. DOI: 10.3138/jvme.1111.109R

Jenuwine, E.S. and Floyd, J.A. (2004) Comparison of Medical Subject Headings and text-word searches in MEDLINE to retrieve studies on sleep in healthy individuals. *Journal of the Medical Library Association*, 92(3), pp. 349-353

Minguet, F. et al. (2015) Quality of pharmacy-specific Medical Subject Headings (MeSH) assignment in pharmacy journals indexed in MEDLINE. *Research in Social and Administrative Pharmacy*, 11(5), pp. 686–695. DOI: 10.1016/j.sapharm.2014.11.004

Moher, D *et a*l. (2009) Preferred reporting items for systematic reviews and meta analyses: the PRISMA statement. *Journal of Clinical Epidemiology,* 62(10), pp. 1006–1012. DOI: http://dx.doi.org/10.1016/j.jclinepi.2009.06.005

Vanopstal, K. et al. (2013) Lost in PubMed. Factors influencing the success of medical information retrieval. *Expert Systems with Applications,* 40(10), pp. 4106–4114. DOI: http://dx.doi.org/10.1016/j.eswa.2013.01.036

Young, S. and Duffull, S.B. (2011) A learning-based approach for performing an in-depth literature search using MEDLINE. *Journal of Clinical Pharmacy and Therapeutics*, 36(4), pp. 504–512. DOI: 10.1111/j.1365-2710.2010.01204.x

EBVM Learning http://www.ebvmlearning.org/ [Accessed 19 December 2016]

BestBETS for Vets https://bestbetsforvets.org/ [Accessed 19 December 2016]

Sebastian Arlt - Advances in diagnostic methods - temperature of healthy bitches after parturition measured by ingestible loggers

Root Kustritz (2006) T*he dog breeder's guide to successful breeding and health management*. [s.l.]: Elsevier Saunders, p. 225

Johnston, S.D., Kustritz, R. and Olson, P. (2001) *Canine and feline theriogenology*. [s.l.]: Elsevier Saunders, p. 129

Ferasin, L. and Marcora, S. (2009) Reliability of an incremental exercise test to evaluate acute blood lactate, heart rate and body temperature responses in Labrador retrievers. *Journal of Comparative Physiology B,* 179(7), pp. 839–845. DOI: 10.1007/s00360-009-0367-z

Heather Moberly -Integrating veterinary subject expertise with information literacy expertise to teach and assess the student skills in evidence-based

Kenita, S. et al. (2016) Preparing veterinary students for entry-level practice by identifying new graduate outcomes. *Journal of the American Veterinary Medical Association*, 248(7), pp. 751-753. DOI: 10.2460/javma.248.7.751

Shurtz, S. et al. (2016) Teaching evidence-based veterinary medicine in the US and Canada. *Journal of Veterinary Medical Education*. Ahead of print. DOI: 10.3138/jvme.1215-199R

Maggio, L.A. et al. (2016) Challenges to learning evidence-based medicine and educational approaches to meet these challenges: A qualitative study of selected EBM curricula in U.S. and Canadian medical schools. *Academic Medicine*, 91(1), pp. 101-106. DOI: 10.1097/ACM.0000000000000814

Maggio, L.A. et al. (2015) Designing evidence-based medicine training to optimize the transfer of skills from the classroom to clinical practice: applying the four component instructional design model. *Academic Medicine*, 90(11), pp. 1457-1461. DOI: 10.1097/ACM.0000000000000769.