Proposed reading list for ECVSMR

This reading list represents the expected requirements for examination preparation. Residents are encouraged to read around their subject and will consult additional texts during their programme as cases present.

CORE KNOWLEDGE (All residents)

• Animal Physiotherapy-Assessment, Treatment and Rehabilitation of Animals. 2016, 2nd ed. McGowan C, Goff L. Blackwell Publishing.

• Guyton and Hall Textbook of Medical Physiology. 2015, 13th edition. Guyton A and Hall J. Elsevier. Chapters: 2-8, 45, 49.

CORE KNOWLEDGE – Canine

• Orthopaedic Basic Science: Foundations of Clinical Practice. 2013, 4th edition (5th ed announced but not yet available January 2020)

• Miller's Anatomy of the Dog. 2019, 5th ed. Evans HE and de Lahunta A. Elsevier Saunders.

- Sections relevant to canine sports medicine

• Canine Rehabilitation and Physical Therapy. 2014, 2nd ed. Millis D and Levine D. Saunders.

• Canine Sports Medicine and Rehabilitation. 2018, 2nd edition. Zink CM and Van Dyke JB

• Essential Facts of Physical Medicine, Rehabilitation and Sports Medicine in Companion Animals. 2019.

• Veterinary Surgery: Small Animal. 2018, 2nd edition. Tobias KM and Johnston SA. Saunders.

- Canine diseases and disorders relevant to sports medicine and surgical biology. Specific surgical detail is not covered by the ECVSMR curriculum
- Specific sections to be listed below

• Textbook of Veterinary Internal Medicine. 2017, 8th edition. Ettinger SJ and Feldman EC. Elsevier Saunders

- Canine diseases and disorders relevant to sports medicine

CORE KNOWLEDGE – Equine

• Equine Locomotion. 2013, 2nd ed. Back W, Clayton HM. Saunders.

• Equine Sports Medicine and Surgery. 2014, 2nd ed. Hinchcliff K, Kaneps A and Geor R. Saunders. Excluding sections listed as up to date alternatives below (Reed and Bayly)

• Diagnosis and Management of Lameness in the Horse. 2010, 2nd ed. Ross MW, Dyson SJ. Saunders Elsevier.

• Essentials of Clinical Anatomy of the Equine Locomotor System. 2019. Jean-Marie Denoix. Productivity Press.

• Equine Internal Medicine. 2017, 4th Ed. Stephen M. Reed, Warwick M. Bayly, Debra C. Sellon. Elsevier. Specific sections:

- Chapter 3: Recognizing and treating pain in horses 138-151

o Chapter 5: Internal Medicine and Clinical Nutrition 191-215 (excluding nutrition of neonates)
o Chapter 8: Disorders of the respiratory system 317-372
o Chapter 11: Disorders of the Neurological system 581-687
o Chapter 16: Disorders of the endocrine system – ONLY SECTIONS titled 'Insulin dysregulation and equine metabolic syndrome and PPID' pages 1085-1113
o Chapter 17: Disorders of the Eye and Vision 1139-1156

PUBLICATIONS ALL CANDIDATES

Since the discipline of sports medicine is so wide, publications from the last five years covering subjects specifically relating to veterinary sports medicine and rehabilitation may be assessed to determine the new diplomates awareness of the outcomes of high-quality recent research that has yet to be published in core textbooks.

- Individual case reports and case series provide useful context for residents, but rarely have sufficient evidence base to change the practice of sports medicine and rehabilitation and frequently represent the one-off case and would not be covered in examinations
- The college will publish a list of around 60 sentinel papers from each discipline from each calendar year in collaboration with training centres and residents that may be assessed during examinations. These must span the entire curriculum and will be confirmed by the examination committee 6 months before the examination.

SMALL ANIMAL PAPERS

1. Abbey, R.; Pettitt, R. (2021): Prevalence of mineralisation of the tendon of the supraspinatus muscle in non-lame dogs. In: The Journal of small animal practice 62 (6), S. 450–454. DOI: 10.1111/jsap.13298.
2. Acevedo, Betzaida; Millis, Darryl L.; Levine, David; Guevara, Jose L. (2019): Effect of Therapeutic Ultrasound on Calcaneal Tendon Heating and Extensibility in Dogs. In: Frontiers in veterinary science 6, S. 185. DOI: 10.3389/fvets.2019.00185.
3. Alvarez, Leilani X.; McCue, John; Lam, Nathaniel K.; Askin, Gulce; Fox, Philip R. (2019): Effect of Targeted Pulsed Electromagnetic Field Therapy on Canine Postoperative Hemilaminectomy: A Double-Blind, Randomized, Placebo-Controlled Clinical Trial. In: Journal of the American Animal Hospital Association 55 (2), S. 83–91. DOI: 10.5326/JAAHA-MS-6798.
4. Alvarez, Leilani X.; Repac, Jennifer A.; Kirkby Shaw, Kristin; Compton, Nashua (2022): Systematic review of postoperative rehabilitation interventions after cranial cruciate ligament surgery in dogs. In: Veterinary surgery : VS 51 (2), S. 233–243. DOI: 10.1111/vsu.13755.
5. Alves, João Ca; Dos Santos, Ana Mmp; Fernandes, Ângelo Dp (2018): Evaluation of the effect of mesotherapy in the management of back pain in police working dog. In: Veterinary Anaesthesia and Analgesia 45 (1), S. 123–128. DOI: 10.1016/j.vaa.2017.07.006.
6. Amimoto, Hirokazu; Koreeda, Tetsuaki; Wada, Naomi (2019): Evaluation of recovery of limb function by use of force plate gait analysis after tibial plateau leveling osteotomy for

management of dogs with unilateral cranial cruciate ligament rupture. In: American journal of veterinary research 80 (5), S. 461–468. DOI: 10.2460/ajvr.80.5.461.
7. Anderson, Katharine L.; Zulch, Helen; O'Neill, Dan G.; Meeson, Richard L.; Collins, Lisa M. (2020): Risk Factors for Canine Osteoarthritis and Its Predisposing Arthropathies: A Systematic Review. In: Frontiers in veterinary science 7, S. 220. DOI: 10.3389/fvets.2020.00220.
8. Appelgrein, Carla; Glyde, Mark R.; Hosgood, Giselle; Dempsey, Alasdair R.; Wickham, Sarah (2018): Reduction of the A-Frame Angle of Incline does not Change the Maximum Carpal Joint Extension Angle in Agility Dogs Entering the A-Frame. In: Veterinary and comparative orthopaedics and traumatology : V.C.O.T 31 (2), S. 77–82. DOI: 10.3415/VCOT-17-04-0049.
9. Appelgrein, Carla; Glyde, Mark R.; Hosgood, Giselle; Dempsey, Alasdair R.; Wickham, Sarah (2019): Kinetic Gait Analysis of Agility Dogs Entering the A-Frame. In: Veterinary and comparative orthopaedics and traumatology : V.C.O.T 32 (2), S. 97–103. DOI: 10.1055/s-0038-1677492.
10. Baker-Meuten, Alice; Wendland, Theresa; Shamir, Shelly K.; Hess, Ann M.; Duerr, Felix Michael (2020): Evaluation of acupuncture for the treatment of pain associated with naturally-occurring osteoarthritis in dogs: a prospective, randomized, placebo-controlled, blinded clinical trial. In: BMC veterinary research 16 (1), S. 357. DOI: 10.1186/s12917-020-02567-1.
11. Balakrishnan, Anusha; Tong, Carissa W. (2020): Clinical Application of Pulmonary Function Testing in Small Animals. In: The Veterinary clinics of North America. Small animal practice 50 (2), S. 273–294. DOI: 10.1016/j.cvsm.2019.10.004.
12. Barandun, Marc A.; Bult, Stella; Demierre, Stanislas; Vidondo, Beatriz; Forterre, Franck (2020): Colder Ambient Temperatures Influence Acute Onset Canine Intervertebral Disc Extrusion. In: Frontiers in veterinary science 7, S. 175. DOI: 10.3389/fvets.2020.00175.
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limb use after canine tibial plateau leveling osteotomy. In: Veterinary surgery : VS 48 (8), S. 1382–1390. DOI: 10.1111/vsu.13320. 14. Benito, Mila; Boutigny, Laure (2020): Cardiovascular Clinical Assessment in Greyster Dogs in Bikejöring Training. In: Animals : an open access journal from MDPI 10 (9). DOI: 10.3390/ani10091635.
15. Bergh, Anna; Lund, Iréne; Boström, Anna; Hyytiäinen, Heli; Asplund, Kjell (2021): A Systematic Review of Complementary and Alternative Veterinary Medicine: "Miscellaneous Therapies". In: Animals : an open access journal from MDPI 11 (12). DOI: 10.3390/ani11123356.
16. Bertocci, G.; Smalley, C.; Brown, N.; Bialczak, K.; Carroll, D. (2018): Aquatic treadmill water level influence on pelvic limb kinematics in cranial cruciate ligament-deficient dogs with surgically stabilised stifles. In: The Journal of small animal practice 59 (2), S. 121–127. DOI: 10.1111/jsap.12770.
17. Böswald, Linda Franziska; Klein, Carmen; Dobenecker, Britta; Kienzle, Ellen (2019): Factorial calculation of calcium and phosphorus requirements of growing dogs. In: PloS one 14 (8), e0220305. DOI: 10.1371/journal.pone.0220305.
18. Braun, L.; Tichy, A.; Peham, C.; Bockstahler, B. (2019): Comparison of vertical force redistribution in the pads of dogs with elbow osteoarthritis and healthy dogs. In:

Veterinary journal (London, England : 1997) 250, S. 79–85. DOI: 10.1016/j.tvjl.2019.06.004.
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20. Brondeel, Carlien; Pauwelyn, Glenn; Bakker, Evelien de; Saunders, Jimmy; Samoy, Yves; Spaas, Jan H. (2021): Review: Mesenchymal Stem Cell Therapy in Canine Osteoarthritis Research: "Experientia Docet" (Experience Will Teach Us). In: Frontiers in veterinary science 8, S. 668881. DOI: 10.3389/fvets.2021.668881.
21. Brunner, Magdalena A. T.; Rüfenacht, Silvia; Bauer, Anina; Erpel, Susanne; Buchs, Natasha; Braga-Lagache, Sophie et al. (2019): Bald thigh syndrome in sighthounds-Revisiting the cause of a well-known disease. In: PloS one 14 (2), e0212645. DOI: 10.1371/journal.pone.0212645.
22. Bruno, Enrico; Canal, Sara; Antonucci, Michela; Bernardini, Marco; Balducci, Federica; Musella, Vincenzo et al. (2020): Perilesional photobiomodulation therapy and physical rehabilitation in post-operative recovery of dogs surgically treated for thoracolumbar disk extrusion. In: BMC veterinary research 16 (1), S. 120. DOI: 10.1186/s12917-020-02333-3.
23. Budsberg, Steven C.; Torres, Bryan T.; Kleine, Stephanie A.; Sandberg, Gabriella S.; Berjeski, Amanda K. (2018): Lack of effectiveness of tramadol hydrochloride for the treatment of pain and joint dysfunction in dogs with chronic osteoarthritis. In: Journal of the American Veterinary Medical Association 252 (4), S. 427–432. DOI: 10.2460/javma.252.4.427.
24. Carnevale, Michael; Jones, Jeryl; Holásková, Ida; Sponenberg, D. Phillip (2019): CT and gross pathology are comparable methods for detecting some degenerative sacroiliac joint lesions in dogs. In: Veterinary radiology & ultrasound : the official journal of the American College of Veterinary Radiology and the International Veterinary Radiology Association 60 (4), S. 378–389. DOI: 10.1111/vru.12749.
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28. Castilla, Andrea; Knotek, Brooke; Vitt, Molly; Gordon-Evans, Wanda (2020): Carpal Extension Angles in Agility Dogs Exiting the A-Frame and Hurdle Jumps. In: Veterinary and comparative orthopaedics and traumatology : V.C.O.T 33 (2), S. 142–146. DOI: 10.1055/s-0039-3400484.
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physical activity for weight loss in overweight pet dogs. In: Veterinary journal (London, England : 1997) 243, S. 65–73. DOI: 10.1016/j.tvjl.2018.11.013.
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31. Colpoys, Jessica; DeCock, Dean (2021): Evaluation of the FitBark Activity Monitor for Measuring Physical Activity in Dogs. In: Animals : an open access journal from MDPI 11 (3). DOI: 10.3390/ani11030781.
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33. Corral, Maria J.; Moyaert, Hilde; Fernandes, Tiago; Escalada, Monica; Kira S Tena, Jezaniah; Walters, Rodney R.; Stegemann, Michael R. (2021): A prospective, randomized, blinded, placebo-controlled multisite clinical study of bedinvetmab, a canine monoclonal antibody targeting nerve growth factor, in dogs with osteoarthritis. In: Veterinary Anaesthesia and Analgesia 48 (6), S. 943–955. DOI: 10.1016/j.vaa.2021.08.001.
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36. Donati, Pablo A.; Tarragona, Lisa; Franco, Juan V. A.; Kreil, Veronica; Fravega, Rodrigo; Diaz, Alfredo et al. (2021): Efficacy of tramadol for postoperative pain management in dogs: systematic review and meta-analysis. In: Veterinary Anaesthesia and Analgesia 48 (3), S. 283–296. DOI: 10.1016/j.vaa.2021.01.003.
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