

ECVSMR - Initial Applicant Pathway

Reading List

Please note that this is a guideline for a reading list of textbooks and journals suggested for preparation for the 2019 board-certification examination with the European College of Veterinary Sports Medicine and Rehabilitation.

Disclaimer:

Sports Medicine and Rehabilitation is a relatively young discipline, and journals and textbooks dedicated specifically to this subject are rare. A wide variety of textbooks and journals is necessary to cover all the subjects required. Therefore, this reading list is a suggestion only, and it is not all inclusive. Candidates are encouraged to use the list of knowledge, skills and competences in the Policies and Procedures (ECVSMR_PP.pdf) to identify the relevant topics, and to structure their studies accordingly to prepare for the examination.

You may find content of the following textbooks and journals helpful in preparing for the examination:

1. Selected Core Knowledge Textbooks

1. Animal Physiotherapy-Assessment, Treatment and Rehabilitation of Animals 2016, 2nd ed. McGowan C, Goff L. Blackwell Publishing.
2. Atlas of Small Animal Wound Management and Reconstructive Surgery. Pavletic MM. 2010, 3rd edition. John Wiley & Sons. Pages 18-29 in chapter 2.
3. Canine Rehabilitation and Physical Therapy. Millis D and Levine D. 2014, 2nd edition. Saunders. chapters: 1-3, 6-31.
4. Equine Sports Medicine and Surgery. Hinchcliff K, Kaneps A, and Geor R. 2014, 2nd edition. Saunders. Chapters: 6-13, 38-39, 42-46, 62-64.
5. Equine Surgery. Auer JA and Stick JA. 2012, 5th edition. Elsevier Saunders. Chapters: 1-2, 4, 7-8, 12, 15, 17, 74-77.
6. Exercise Physiology: Nutrition, Energy and Human Performance. McArdle WD, Katch FI, and Katch VL. 2014, 8th edition. Lippincott Williams & Wilkins.

7. Fluid, Electrolyte and Acid Base Disorders in Small Animal Practice. Dibartola SP. 2011, 4th edition. Elsevier Saunders. Chapters: 1-17.
8. Guyton and Hall Textbook of Medical Physiology. Guyton A and Hall J. 2016, 13th edition. Elsevier. Chapters: 2-8, 45,49.
9. Handbook of Veterinary Neurology. Lorenz M, Coates J, and Kent M. 2011, 5th edition. Elsevier: Saunders.
10. Handbook of Veterinary Pain Management. Gaynor J and Muir W. 2015, 3rd edition. Mosby Elsevier.
11. Joint Disease in the Horse, McIlwraith, CW, Frisbie, DD. Kawcak CE, van Weeren PR. 2nd edition, 2016. Elsevier. Chapters: 8, 10-17, 19
12. Joint Structure and Function: A Comprehensive Analysis. Levangie P and Norkin C. 2011, 5th edition. FA Davis Company. Chapters: 1-3, 13, 14
13. Orthopaedic Basic Science: Foundations of Clinical Practice. Einhorn TA, O'Keefe, RJ, and Buckwalter JA (editors). 2013, 4th edition. American Academy of Orthopaedic Surgeons. Chapters: 1-25
14. Textbook of Veterinary Anatomy. Dyce KM, Sack WO, and Wensing CJG. 2017, 5th edition. Saunders.
15. Textbook of Veterinary Diagnostic Radiology. Thrall DE. 2013, 6th edition. Elsevier.
16. Veterinary Surgery: Small Animal. Tobias KM and Johnston SA. 2012. Saunders, 2012. Chapters: 1, 4, 6, 7, 10, 14-16, 19-20, 22, 41-46, 49.

2. Selected Small Animal Sports Medicine and Rehabilitation Textbooks

Each of the selected textbooks contains chapters with material pertinent to the field of small animal sports medicine and rehabilitation. The applicant will be responsible for material within relevant (or included) chapters related to the basic science and clinical practice of small animal sports medicine and rehabilitation.

1. Ettinger SJ and Feldman EC. Textbook of Veterinary Internal Medicine. 2010, 7th edition. Elsevier Saunders. Chapters: 1, 2, 7, 10-12, 27-30, 41-55, 63-70, 86, 89, 101, 119, 121, 124, 129, 133, 158-159, 186-187, 195, 199, 206, 227-233, 234-235, 264-265, 267-271, 300, 328.
2. Hand MS, Thatcher CD, Remillard RL, Roudebush P and Novotny BJ. Small Animal Clinical Nutrition. 2010, 5th edition. Mark Morris Institute.
3. Lindley S and Watson P. BSAVA Manual of Canine and Feline Rehabilitation, Supportive and Palliative Care. 2010. British Small Animal Veterinary Association. Chapters: 1-13.
4. McGowan C, Goff L. Animal Physiotherapy -Assessment, Treatment and Rehabilitation of Animals 2016, 2nd Ed. 2016. Blackwell Publishing.

5. Miller's Anatomy of the Dog. Evans HE and de Lahunta A. 2013, 4th edition, Elsevier Saunders.
6. Millis D, Levine D. Canine Rehabilitation and Physical Therapy. 2014, 2nd edition. Elsevier Saunders.
7. Johnston SA, Tobias KM. Veterinary Surgery: Small Animal. 2018. 2nd edition. Saunders, 2012. Chapters: 1-11, 15, 20, 22-23, 26-37, 39-77, 98-105, 118.
8. Zink CM and Van Dyke JB. Canine Sports Medicine and Rehabilitation. 2018. 2nd edition. John Wiley and Sons.

2.1 Selected Small Animal Sports Medicine and Rehabilitation Journals

The journals listed in the Journal Citation Report (published in Web of Science www.webofknowledge.com) below contain articles relevant to the field of small animal sports medicine and rehabilitation (based on the specific knowledge and skills described in the P&Ps). Within the listed journals, the majority of examination questions will originate from literature published within the last five years. For the 2019 European College of Veterinary Sports Medicine and Rehabilitation board-certification examination, questions will be created from literature published between January 1, 2014 and January 1, 2019. Exam questions may also originate from information in older journal articles (prior to January 2014) if they are considered essential or foundational to the development and practice of sports medicine and rehabilitation. The applicant is responsible for material as it relates to the basic science and clinical practice of sports medicine and rehabilitation.

- American Journal of Veterinary Research
- Canadian Veterinary Journal
- Journal of Small Animal Practice
- Journal of Feline Medicine and Surgery
- Journal of the American Animal Hospital Association
- Journal of the American Veterinary Medical Association
- Journal of Veterinary Emergency and Critical Care
- Journal of Veterinary Internal Medicine
- Veterinary and Comparative Orthopaedics and Traumatology
- Veterinary Anaesthesia and Analgesia
- Veterinary Clinics of North America: Small Animal Practice -Relevant topics only to Sports Medicine and Rehabilitation.
- Veterinary Clinics of North America: Small Animal Practice. Marcellin-Little DJ, Levine D, and Millis DL (editors). January 2015, Volume 45, Issue 1.
- Veterinary Radiology and Ultrasound

- Veterinary Record
- Veterinary Surgery
- PLOS ONE
- BMC Veterinary Research
- The Veterinary Journal
- Journal of Anatomy
- Journal of Experimental Biology
- Frontiers in Veterinary Science

3. Selected Equine Sports Medicine and Rehabilitation Textbooks

Each of the selected textbooks contains chapters with material pertinent to the field of equine sports medicine and rehabilitation. The applicant will be responsible for material within relevant chapters related to the basic science and clinical practice of equine sports medicine and rehabilitation.

1. Back W, Clayton HM. Equine Locomotion, 2nd edition. Saunders. 2013.
2. Hinchcliff K, Kaneps A, Geor R. Equine Sports Medicine and Surgery. 2nd edition. Saunders, 2014.
3. McIlwraith, CW, Frisbie, DD. Kawcak CE, van Weeren PR. Joint Disease in the Horse, 2nd edition, 2016. Elsevier.
4. Ross MW, Dyson SJ. Diagnosis and Management of Lameness in the Horse, 2nd edition, Saunders Elsevier 2010.
5. Jessica A. Kidd, Kristina G. Lu, Michele L. Frazer. Atlas of Equine Ultrasonography. Wiley & Sons 2014. Chapters: 1-10 .
6. Janet A. Butler , Christopher M. Colles , Sue J. Dyson , Svend E. Kold , Paul W. Poulos Clinical Radiology of the Horse, 4th Edition. Wiley-Blackwell 2017.
7. Murray, R. Equine MRI. Wiley Blackwell 2011.
8. Mayhew Joe. Large Animal Neurology. 2nd edition. Wiley, 2008
9. Denoix J-M , Pailloux, J-P Physical therapy & massage in the horse. Manson Publishing, 2001.
10. C. Wayne McIlwraith, Ian Wright, Alan J. Nixon, Diagnostic and Surgical Arthroscopy in the Horse, 4th Edition Mosby, 2015.

3.1 Selected Equine Sports Medicine and Rehabilitation Journals

The journals listed in the Journal Citation Report (published in Web of Science www.webofknowledge.com) below contain articles relevant to the field of equine sports medicine and rehabilitation. Within the listed journals, most examination questions will originate from literature

published within the last five years. For the 2019 European College of Veterinary Sports Medicine and Rehabilitation board-certification examination, questions will be created from literature published between January 1, 2014 and January 1, 2019. Exam questions may also originate from information in older journal articles (prior to January 2014) if they are considered essential or foundational to the development and practice of equine sports medicine and rehabilitation. The applicant is responsible for material as it relates to the basic science and clinical practice of equine sports medicine and rehabilitation.

- American Journal of Veterinary Research
- Equine Veterinary Journal
- Equine Veterinary Education
- Journal of the American Veterinary Medical Association
- Journal of Veterinary Internal Medicine
- Journal of Equine Veterinary Science
- The Veterinary Journal
- Veterinary Clinics of North America: Equine Practice
- Veterinary Radiology and Ultrasound
- Veterinary Record
- Veterinary Surgery