Equine MRI
Rachel C. Murray (Editor)

### DESCRIPTION

*Equine MRI* is a unique, comprehensive guide to MRI in the horse. Edited by Rachel Murray, a leading authority and researcher in the field with over ten years of equine clinical MRI experience, the book also includes contributions from worldwide experts in the subject.

Divided into the following four sections, the book presents key information based on previous validation work and clinical practice:

- Principles of MRI, including the practicalities of image acquisition and interpretation
- Normal MRI anatomy and normal variations
- Different types of pathological change
- Options for clinical management and prognosis for different conditions

MRI is a rapidly expanding area in veterinary medicine that confers detailed, three-dimensional information on both bone and soft tissue. Expanding clinical knowledge, improvements in technology, and practical application of MRI to the standing and recumbent horse means this useful imaging modality has become an integral and essential part of the diagnostic evaluation in lameness and is a realistic option for investigation of ophthalmological, neurological and cranial pathology.

*Equine MRI* enables readers to understand the best ways to achieve good quality images, and provides a detailed explanation of the problems that may occur.
With close to 950 normal and abnormal images, this book offers considerable detail and examples of both common and uncommon problems, making it a great reference for equine veterinarians, veterinary students, specialists in equine surgery, and specialists in veterinary imaging.

ABOUT THE AUTHOR

Rachel C. Murray, MA, VetMB, MS, PhD, MRCVS, Dipl ACVS, Dipl ECVS, is Senior Orthopaedic Advisor for the Centre for Equine Studies, Animal Health Trust in Newmarket, United Kingdom. She has been responsible for leading the Animal Health Trust equine clinical diagnostic MRI service and research since 2000, she interprets MRI for various clinics internationally, and has been involved with the development of MRI use in the horse for over ten years. She is an American boarded equine surgical specialist and has considerable clinical experience. She has published numerous clinical and research-related peer-reviewed papers on equine MRI, and frequently lectures internationally on the subject.

FEATURES

- A unique, comprehensive guide that proves a useful diagnostic tool in this rapidly expanding area of veterinary medicine

- Written by worldwide experts in the subject

- Covers the principles of MRI, normal MRI anatomy, pathology, and clinical management and outcome

- Contains close to 950 normal and abnormal images

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