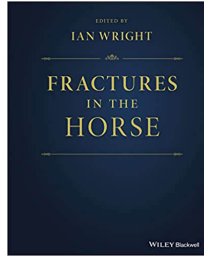


FRACTURES IN THE HORSE



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DESCRIPTION:

Fractures in the Horse is a comprehensive contemporaneous reference on the subject.

The first 15 chapters deal with principles such as:

- Bone structure and function, physiological aspects of adaptation, stress protection and ultrastructural morphology.
- The pathophysiology of fractures, including material features of bone failure, modes of fracture, loading characteristics, stress and strain.
- Fracture epidemiology including geographic, discipline and horse level incidence, risk factors and variants and predictability.
- Diagnostic imaging including radiography, ultrasonography, scintigraphy, magnetic resonance imaging, computed tomography and positron emission tomography.
- Acute fracture management, pre-operative planning, anaesthesia and analgesia, standing fracture repair and management of complications.
- Surgical equipment and repair techniques, external coaptation and rehabilitation.

The following 22 chapters cover all clinically relevant fractures. Each describes the relevant anatomy, fracture types, incidence and causation, clinical features and presentation, imaging and diagnosis, acute fracture management, treatment options and techniques and documents available results: author's recommendations are made throughout.

Fractures in the Horse represents a state of the art text for all involved in equine veterinary medicine. It is a manual for surgeons, diagnosticians, residents and interns. It will serve as a reference text for veterinary practitioners for managing fractures and suspected fractures in the field, advising clients and decision making. Individual chapters will also be relevant to anaesthetists, surgery and imaging personnel.

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- CHAPTER 1. INTRODUCTION
- CHAPTER 2. BONE STRUCTURE AND FUNCTION
- CHAPTER 3. PATHOPHYSIOLOGY OF FRACTURES
- CHAPTER 4. FRACTURE EPIDEMIOLOGY
- CHAPTER 5. IMAGING FRACTURES
- CHAPTER 6. BONE HEALING
- CHAPTER 7. TRIAGE AND EMERGENCY CARE
- CHAPTER 8. SURGICAL EQUIPMENT, IMPLANTS AND TECHNIQUES FOR SURGICAL REPAIR
- CHAPTER 9. PRE-OPERATIVE PLANNING AND PREPARATION
- CHAPTER 10. ANAESTHESIA AND ANALGESIA
- CHAPTER 11. INTRA-OPERATIVE COMPLICATIONS
- CHAPTER 12. STANDING FRACTURE REPAIR
- CHAPTER 13. EXTERNAL COAPTATION
- CHAPTER 14. POST-OPERATIVE COMPLICATIONS
- CHAPTER 15. CONVALESCENCE AND REHABILITATION
- CHAPTER 16. FRACTURES OF THE DISTAL PHALANX
- CHAPTER 17. FRACTURES OF THE NAVICULAR BONE
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- CHAPTER 19. FRACTURES OF THE PROXIMAL PHALANX
- CHAPTER 20. FRACTURES OF THE PROXIMAL SESAMOID BONES
- CHAPTER 21. FRACTURES OF THE DISTAL CONDYLES OF THE THIRD METACARPAL AND METATARSAL BONES
- CHAPTER 22. DIAPHYSEAL FRACTURES OF THE THIRD METACARPAL AND METATARSAL BONES
- CHAPTER 23. FRACTURES OF THE SECOND AND FOURTH METACARPAL/METATARSAL BONES
- CHAPTER 24. FRACTURES OF THE CARPUS
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- CHAPTER 31. FRACTURES OF THE PATELLA
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- CHAPTER 35. FRACTURES OF THE RIBS
- CHAPTER 36. FRACTURES OF THE HEAD
- CHAPTER 37. FRACTURES IN FOALS