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Preface to the Seventh Edition

Preface to the Sixth Edition

Preface to the Fifth Edition

Preface to the Fourth Edition

Acknowledgements

Common Terminologies and Abbreviations

1. Functional Anatomy of the Musculoskeletal System

a. Hoof – Fails

b. Forelimb - Fails

c. Hindlimb – Fails

d. Axial skeleton – Fails

2. Examination for Lameness

a. History, visual exam and conformation – Baxter and Stashak

b. Palpation and manipulation – Baxter and Stashak

c. Subjective assessment of lameness - Keegan

d. Objective assessment of lameness - Keegan

e. Perineural and Intrasynovial anesthesia –Baxter

3. Diagnostic Imaging

a. Radiography- Acutt, Barrett

b. Ultrasound – Redding

- c. Nuclear scintigraphy – Selberg, Acutt, Valdes-Martinez
- d. CT – Spriet
- e. MRI – Schramme and Segard-Weisse
- f. Thermography – Turner

4. Lameness of the Distal Limb

- a. Foot
 - Navicular region and soft tissue injuries of the foot – Eggleston and Baxter
 - Coffin joint and distal phalanx – Baxter
- b. Miscellaneous conditions of the foot – Baxter
 - Laminitis – Belknap, Parks, Dern
- c. Pastern – Watts and Baxter
- d. Fetlock – Brokken and Bertone
- e. Metacarpal/metatarsal regions – Ortved and Bertone

5. Lameness of the Proximal Limb

- a. Carpus – Kawcak
- b. Antebrachium, elbow and humerus – Hubert
- c. Shoulder and scapula – Hubert
- d. Tarsus - Redding
- e. Tibia and Crus – Redding
- f. Stifle - FP region – Baxter and Sullins
- g. Stifle - FT region - Kawcak
- h. Femur and coxofemoral region – Ernst, Trumble (delete Baxter as co-author)

6. Lameness Associated with the Axial Skeleton

- a. Pelvis – Van Wessum
- b. Sacroiliac region -Van Wessum

c. Thoracolumbar region/Back - Van Wessum

d. Neck and poll - Van Wessum

7. Principles of Musculoskeletal Disease

a. Joint disease and osteoarthritis – McIlwraith

b. Bone injuries and disease– Kawcak and Baxter

c. Tendon and ligament injuries – Goodrich

d. Muscle injuries/disease - Valberg

8. Principles of Therapy for Lameness

a. Systemic/Parenteral – Koch and Goodrich

b. Topical/local – Koch and Goodrich

c. Intrasynovial – Smanik and Goodrich

d. Intralesional – Steward and Goodrich

e. Oral/Nutritional – Ernst and Trumble

f. Therapeutic trimming and shoeing – Parks

g. Acupuncture/chiropractic/manipulation – Haussler

h. Rehabilitation/Physical therapy –King, Ellis, Stubbs

9. Occupation-related Lameness Conditions

a. Thoroughbred racehorses - Carpenter

b. Standardbred racehorses – Johnston and Nickels

c. Quarter Horse racehorses – Goodman and Overly

d. Western performance horses – Dabariener

e. Jumping/Dressage/Eventing – Maher

f. Endurance horses – Holbrook

g. Show/pleasure horses – Johnson and Frisbie

h. Gaited horses – Wilson and Keegan

i. Draft horses- Hawkins

10. Lameness in the Young Horse

a. The physis/physeal fractures/physitis – Tatarniuk, Trumble and Baxter

b. Angular limb deformities/cuboidal bone malformation – Ernst, Trumble and Baxter

c. Flexural deformities – Ernst, Trumble and Baxter

d. Osteochondrosis – McIlwraith

e. Lameness in foals – Hunt

11. Foot Care and Farriery

a. Basic foot care – O’Grady

b. Principles of trimming and shoeing- O’Grady

c. Farriery for common hoof problems - O’Grady

d. Natural balance trimming and shoeing – Ovnicek

12. Miscellaneous Musculoskeletal Conditions

a. Musculoskeletal emergencies – Seabaugh

b. The poor-performing horse – Davidson

c. Evaluation of Saddle fit– Haussler

d. Prepurchase examination - Eggleston

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