

Multimodal Management of Canine Osteoarthritis

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96 pp, hardcover

95 colour & b/w illustrations

15 tables

261 x 194 mm page size

ISBN: 978-1-84076-129-0

Price: £39.95

Publication: 2010

Description:

As more is learned about the pathophysiology of osteoarthritis, we are also becoming more aware of how to implement treatments.

Multimodal Management of Canine Osteoarthritis takes an evidence-based approach to the canine patient with osteoarthritis, pursuing the objective of the best available medicine by a variety of means—multiple drugs, agents, adjuncts and delivery methods. Appreciating that surgical intervention may initially be required, particularly for stabilizing a joint, the major focus in this work is the conservative management of osteoarthritis. A clear and visual approach is taken with the overlapping of two three-pointed triangles of management: medical and non-medical. Medical management includes NSAIDs, chondroprotectant and adjunct; while the non-medical management includes weight control/exercise, EPA-rich diet and physical rehabilitation. Each of these approaches has been independently shown to be effective, and while there are no published works on their collective synergism, the multimodal concept is intuitive.

Readership:

Veterinarians in practice and training.

Key Features:

- Practical approach to management of a widespread disease.
- Covers examination, diagnosis and treatment.
- Thorough, well illustrated guide by a leading authority.

Contents:

1. Pain and Lameness, Diagnosis of osteoarthritis, The orthopaedic examination, Diagnostic imaging, Musculoskeletal disorders. **2. Osteoarthritis: The Disease**, Prevalence in dogs and cats, Joint structures and inflammation, The pain pathway, Morphological changes with OA. **3. Multimodal Management for Canine Osteoarthritis**, Quality of evidence, Medical management, Nonmedical management, Surgical intervention. **4. Physical Rehabilitation in the Treatment of Osteoarthritis**, Environmental modification, Pain pathophysiology related to physical rehabilitation, Cryotherapy, Thermootherapy, Selection physical rehabilitation exercises. Other therapies: TENS, acupuncture, lasers, shock waves, magnets, stem cells. **References, Index.**