

Veterinary Physiotherapy in Dogs: A Narrative Review

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ABSTRACT

Veterinary physiotherapy plays an integral position. within the rehabilitation of canines tormented by musculoskeletal, neurological, and postoperative situations. The goal of physiotherapy, which is becoming more and more significant in veterinary medicine, is to help canine patients to improve mobility, lessen pain, enhance restoration, and enhance universal quality of existence for canine patients. This form of therapy uses a variety of strategies, including guided remedy, healing physical activity and hydrotherapy, electrotherapy, and thermal modalities, that can be customised to meet each dog's desires according to their circumstances and age.

Manual therapy include joint mobilisations and soft tissue massage, which can enhance range of motion, improve circulation, and lessen discomfort. Therapeutic activities aim to improve proprioceptive functions, expand joint range of motion, and extend healthy gait patterns. They also include stretching, strengthening, and proprioceptive instruction. Hydrotherapy, often carried out in a pool or underwater treadmill, delivers low-impact training for joint or muscle rehabilitation for dogs with arthritis or those recovering from surgery. Moist heat is an excellent method to lessen joint

stiffness, enhance circulation, and lessen pain. Low-degree laser is an extraordinary, non-invasive manner to lower pain for animal patients and is generally very well tolerated in dogs, even if their pain severity is excessive. Electrotherapy strategies, which include transcutaneous electric nerve stimulation, can assist in managing pain and inflammation.

Physiotherapy has shown great success in treating a wide range of ailments, including hip dysplasia, arthritis, post-operative rehabilitation, neurological issues, and sports injuries. Beyond physical recovery, veterinary physiotherapy may improve dogs' overall health by reducing stress, promoting relaxation, and boosting mental wellness. In addition to examining its concepts, methods, and scientific pursuits, this study focusses on how well veterinary physical therapy for dogs aids in recovery and preserves long-term health. The importance of veterinary physical therapy in providing dogs with comprehensive care is increasingly acknowledged.

Keywords: Canine, Electrotherapy, Hydrotherapy, Pain, Therapeutic exercises