



MACKE INSTITUTE OF CANINE THERAPY

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Do you have patients struggling with musculoskeletal or neurologic conditions?

CANINE PHYSICAL THERAPY can help!

WHO: Dr. Macke is a Doctor of Physical Therapy (DPT), a Certified Lymphedema Therapist (CLT), a **Certified Canine Rehab Therapist** (CCRT), and an **Animal Physical Therapist**, licensed by the Nebraska State Veterinary Board.



WHAT: A growing body of research supports the efficacy of **physical therapy** for dogs with certain orthopedic and neurologic conditions. Benefits include faster recovery, improved mobility, and pain relief.

We help veterinarians treat their canine patients suffering from physical impairments, by utilizing evidence-based **physical therapy** treatment to reduce pain, promote normal movement, improve muscle strength, and restore physical function.

COMMON CONDITIONS BENEFITTING FROM **PHYSICAL THERAPY**

ORTHOPEDIC CONDITIONS

- Pre-/Post-op rehab (e.g. joint surgery, including shoulder, elbow, hip & stifle)
- Soft tissue injury (muscle, tendon, capsule & ligament)
- Arthritis (management)
- Hip and elbow dysplasia
- Sports and working injuries

NEUROLOGIC CONDITIONS

- Post-op rehab (e.g. decompression surgery)
- Nerve injuries
- Fibrocartilaginous embolism
- Degenerative myelopathy (management)
- Balance & vestibular problems

OTHER CONDITIONS

- Pain management
- Athletic & working dogs (performance problems, improving strength & endurance)
- Obesity
- Elderly care
- Wound care

WHEN: We are accepting referrals **NOW!**

WHERE: Physical therapy treatment is provided in the comfort of the patient's home. We service **Omaha** and **Lincoln, Nebraska**.

HOW: After completing your veterinary evaluation and diagnosis, simply upload your referral at **MackeInstitute.com** or email **MackeInstitute@gmail.com**.



PHYSICAL THERAPY

COMMON TREATMENTS

CANINE PHYSICAL THERAPY incorporates a carefully selected combination of rehab interventions that are customized to each patient's specific needs. This tailored prescription will utilize a selection of the following treatments.

MANUAL THERAPY:

GOAL: Reduce pain and inflammation

- Joint mobilizations
 - Maitland mobilizations
 - Natural apophyseal glides (NAG)
 - Sustained natural apophyseal glides (SNAG)
 - Mobilizations with movement (MWM)
- Traction
- Soft tissue techniques
 - Soft tissue mobilizations
 - Myofascial release
 - Trigger point release
 - Cross friction massage
 - Proprioceptive neuromuscular facilitation (PNF)

THERAPEUTIC EXERCISE:

GOAL: Regain range of motion and strength

- Strengthening
- Flexibility
- Endurance
- Balance and Proprioception
- Return to work exercise
- Sport regimens

GAIT TRAINING:

GOAL: Improve mobility and coordination

- Trunk and limb motor control
- Neurofacilitation techniques
- Functional strength exercises
- Balance and proprioception on varied terrains
- Mechanics retraining, including speed, endurance, and obstacle navigation
- Prosthetics, orthotics, and wheelchairs

NEUROMUSCULAR THERAPY:

GOAL: Improve balance and proprioception

- Neural mobilizations
- Faciliatory techniques for low tone
- Inhibitory techniques for high tone
- Neuro-developmental sequence retraining
- Postural management

THERAPUTIC MODALITIES:

GOAL: Reduce pain and inflammation

- Laser therapy
- Transcutaneous electrical nerve stimulation (TENS)
- Neuromuscular electrical nerve stimulation (NMES)

VET FAQ:

As a veterinarian, what is required of me prior to referring to animal PT?

The State of Nebraska requires veterinarians provide a letter of referral for PT. This letter must include a medical diagnosis and evaluation documentation. Veterinary assessment must have occurred in the 90 days immediately preceding the PT evaluation.

What health care services is an animal physical therapist allowed to perform?

Health care therapy provided by an animal PT is bound by the Nebraska Physical Therapy Scope of Practice. All animal PT treatment must be consistent with the licensed PT's education and training.

As a veterinarian, if I refer my patients to an animal PT, will I be held responsible for services rendered?

No. Per the Nebraska Legislature, Nebraska Revised Statute 38-3333, "A licensed veterinarian who prepares a letter of referral for health care therapy by a licensed animal therapist shall not be liable for damages caused to the animal as a result of the health care therapy performed by the licensed animal therapist."