





Integrated Veterinary Pain Management Center

### **ABOUT US**



**The Animal Medical Center of Mid-America** combines multiple approaches to treating pain in order to achieve the best possible outcome for each pet.

With our state-of-the-art equipment and tailored treatment plan for your pet, we are focused on targeting the pain that is affecting your pet. Focused science-based therapy in addition to medications and supplements to reduce pain can improve your pet's quality of life!

### Locations

#### **St. Louis City**

1201 Macklind Ave. St. Louis, MO 63110 314.802.0361

#### **Maryland Heights**

11660 Administration Dr. Maryland Heights, MO 63146 314.802.0358

## **Rehabilitation Services**

Exercise programs, mobility devices, and assistance products can be used to help pets return to a previous level of mobility or adjust to a new state of mobility. Condition-specific exercises can improve limb use, balance, and strength.



**Therapeutic Ultrasound** 

Ultrasound can increase tissue healing and repair in tendons, ligaments, fascia, joint capsules, and scar tissue. Low power, high frequency sound waves that create vibrations or increase temperature of the targeted tissue is administered to provide pain relief and increase mobility.

# **Myofascial Pain Therapies**

The goal of myofascial pain therapy is to locate and treat myofascial dysfunction to restore mobility. Therapies include, but are not necessarily limited to stretching, exercises, dry needling, and instrument-assisted soft tissue mobilization.

## **Platelet-Rich Plasma**

Platelet-Rich Plasma is a regenerative process where the patient's own blood is collected and processed to produce a platelet-rich injection. The injection, introduced to the joint, provides the tissue with growth factors and healing proteins that allow the joint to heal, while also providing extra lubrication for pain relief.

### **Diagnostic Tools**

We offer specialized diagnostic equipment including Stance Analyzer® and Pain Trace, along with digital thermography, goniometry, and muscle circumference analysis to improve the detection of pain and allow for more targeted treatment.

### **Underwater Treadmill**

This low impact, high resistance exercise, used in a controlled environment, allows pets to return to a previous state of mobility or transition to a new state of mobility. Hydrotherapy uses the buoyancy, resistance, and hydrostatic pressure of the water to provide the patient with safe and effective rehabilitation. The water is temperature controlled to decrease soreness from the workout.



## **Chiropractic Care**



A complementary and alternative medicine designed to find and treat mechanical disorders in the musculoskeletal system, chiropractic adjustments can disrupt the normal motion in joints, affecting nearby muscles and the communication of the nervous system. This allows for pain relief and improved mobility.

## **Stem Cell Injections**

These injections can help reverse joint damage and aid in the body's ability to heal itself. Stem cells collected from the patient's bone marrow, that are then processed and combined with plasma before being injected back into the affected joint.

## **Class IV Laser Therapy**

Laser therapy uses electromagnetic radiation within the red and infrared spectrum. When used over injuries and lesions to stimulate healing and pain relief within those tissues, it creates local internal reactions that lead to a decrease in pain, reduction in inflammation, and increase in circulation.







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