

## LASER THERAPY. PAIN REMOVED. LIFE IMPROVED.

The most common arthritis diagnosed in veterinary patients is osteoarthritis, which is also known as degenerative joint disease. Osteoarthritis is a complex condition involving inflammation of one or more joints. Trauma, hip dysplasia, infection, obesity, and age all contribute to this disease.

Unfortunately, there is no cure for osteoarthritis. Treatment is often aimed at controlling pain and hopefully increasing range of motion. The most commonly used treatment to control pain and inflammation is Non-steroidal anti-inflammatories (NSAIDs).

Although reasonably effective, NSAIDs can cause side effects such as decreased appetite, vomiting, diarrhea, liver, and kidney problems, which is why we recommend therapeutic blood monitoring at least every 6 months when on these medications. Therefore, NSAIDs are often used at low doses in an effort to minimize side effects. Other treatments are often used in conjunction with NSAIDs to improve efficacy while decreasing side effects. These treatments include: glucosamine supplements, other analgesics (pain relievers), Adequan injections, acupuncture, and chiropractory.

We are excited to announce to you the newest option in osteoarthritis treatment- **LASER THERAPY**. Laser therapy has often been described as “needleless acupuncture”. Like other arthritis treatments, it is not a cure, but another weapon in our arsenal to control the pain and inflammation.



TREATMENT FOR BACK PAIN  
ANIMAL MEDICAL CENTER

## THE SCIENCE BEHIND LASER THERAPY.

We use a Class IV laser which provides heat energy deep into the body tissues. This energy increases blood supply to affected areas, brings in anti-inflammatory mediators, and helps to control pain. Trials have shown that patients suffering from chronic arthritis have better results when done with an induction phase followed by a maintenance phase. The induction phase typically consists of 2 laser sessions a week for 3 weeks. The maintenance phase is just 1 session as needed- usually anywhere from 2-6 weeks.

### A CASE STUDY

Veterinary Practice News  
January 2011

A Pomeranian named Benji was attacked by another dog. Benji had soft tissue injuries and loss of skin with the recommendation for euthanasia.



A dog attack left Benji the Pomeranian with deep, open wounds and skin loss.  
*Photo courtesy of TenderCare Veterinary Center*

Laser treatment began on February 10th and by April 14th the wound was almost completely healed according to Dr. Terri Sears of TenderCare.

The Laser Therapy increased the healing process by 113 percent which was half the expected healing time according to Dr. Terri Sears.

*"We are already experiencing amazing results with laser therapy. Many patients have been able to reduce their medication and almost all have decreased pain and increased mobility".*

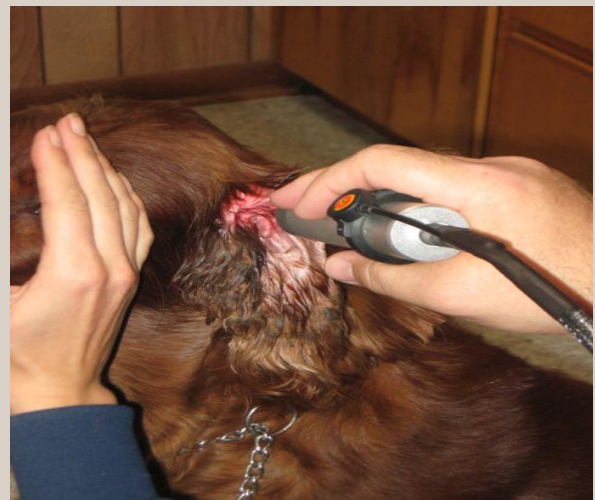
*Dr. Jeff Travis*

Laser Therapy allows your pet to heal faster after surgery or traumatic injury.

Laser Therapy eases the pain and improved mobility without the use of pharmaceuticals and surgery.



TREATMENT ON TRAUMATIC INJURY  
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TREATMENT ON CHRONIC OTITIS  
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