

Laser Therapeutic EFFECTS

During each painless treatment, laser energy increase circulation, drawing water, oxygen, and nutrients to the damaged area. This creates an optimal healing environment that reduces inflammation, swelling, muscle spasm, stiffness and pain. As the injured area returns to normal, function is restored and pain is relieved.

Cellular Effects of Laser Therapy

During Laser Therapy the infrared laser light interacts with tissues at the cellular level, and metabolic activity increases within the cell, improving the transport of nutrients across the cell membrane. This initiates the increased production of cellular energy(ATP) that leads to a cascade of beneficial effects, increasing cellular function and health.

Reintroduction to Activity

Laser Therapy can relieve pain, reduce swelling and increase range of motion. Often the pet will exhibit renewed energy and freedom of movement. Consult your veterinarian before your pet returns to full activity. A gradual introduction of activity may be suggested to insure the patient does not aggravate the condition.

What to EXPECT

There is no patient sedation or restraint required and the experience is usually pleasant and comforting to them.

Although improvement is often seen after the first visit, most patients require several treatments for greatest benefit.

Treatments vary in length, but most sites require 2 to 8 minutes.

The majority of patients exhibit greater comfort and mobility within 12 to 24 hours after a laser treatment.

What is LASER THERAPY

Laser Therapy is the use of specific wavelengths of light, to create therapeutic effects. This can include:

Improved healing time

Pain reduction

Increased circulation

Decreased swelling

Laser Therapy has been widely utilized in Europe by physical therapists, nurses and doctors as far back as the 1970's. Now, after FDA clearance in 2002, Laser Therapy is being used extensively in the United States.